

AibGenesis™ Mouse Anti-DAG1 Antibody (CBMOAB-27352FYC)

Cat. No.: CBMOAB-27352FYC

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO27352FC
Specificity	This antibody binds to Arabidopsis DAG1.
Format	Liquid or Lyophilized
Storage	Store at 4°C: short-term (1-2weeks) Store at -20°C: long-term and future use
Purity	> 90% was determined by SDS-PAGE
Purification	Purified with Protein A or G affinity chromatography
Cellular Localization	Nucleus

Application-Information

Application	WB, ELISA
Application Notes	ELISA: 1:1000-1:3000 Other applications are to be developed. The optimal dilution should be determined by the end user.

Target

Introduction	This gene encodes dystroglycan, a central component of dystrophin-glycoprotein complex that links the extracellular matrix and the cytoskeleton in the skeletal muscle. The encoded preproprotein undergoes O- and N-glycosylation, and proteolytic processing to generate alpha and beta subunits. Certain mutations in this gene are known to cause distinct forms of muscular dystrophy. Alternative splicing results in multiple transcript variants, all encoding the same protein. (From NCBI)
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Product Overview	Mouse Anti-Arabidopsis DAG1 Antibody is a mouse antibody against DAG1. It can be used for DAG1 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
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Protein Refseq

The length of the protein is 324 amino acids long. The sequence is show below: MDAKWTQGFQEMINVK
PMEQMISSTNNNTPQQQPTFIATNTRPNATASNGGSGGNTNNT ATMETRKARPQEKVNCPRCNSNTNKF
YYNNYSLTQPRYFCKGCRRYWTEGGSLRNVPG GSSRKNKRSSTPLASPSNPKL PDLNPPILFSSQIPNK
SNKDLNLLSFPVMQDHHHHGMSH FFHMPKIENNNTSSSIYASSSPVSALELLRSNGVSSRGMNTFLPGQM
MDSNSVLYSSLGF PTMPDYKQSNNNLSFSIDHHQGIGHNTINSNQRAQDNNDDMNGASRVLPFPFSMDMKEL
SST TQEKSHGNNTYWNGMFSNTGGSSW.

Clo	Sub Ca	nalitSpecies Reactivity	Applic Clon	Conjugate	Siz
t	y		ation e		e
CBMOA Mono			WB, ELI	MO72 Unconjugated; also availabl	100
B-72892 clona Zebrafish (<i>Danio rerio</i>)			SA	892FYe for Biotin; HRP; FITC and	µg
FYA I			A	other labeled form.	

Protein Refseq: The length of the protein is 866 amino acids long.

The sequence is show below: MRNKLREFRDGGRPMLGQWDRTLVLVLLMALALTVDVQASWDQMEVLGDVKLEASMHSASVLSDIREAEAVVAA
VSQPSGFPDSSAVVGRV FRLQVPIAKDSGSIVKITEASKDVLPAPLHWDAESGTLQGLPLETDKGVHYISVSVS NESKVSQSPDVFSIEVHP
HAETDPFQLAIQ QSASNDAQPFICGNEEPVTVLTVIDADLT KMSSKQRVELLAKMKKFSGMGLQHMKILPVVNNR LFDMSAFMAGPGNAKKVV
ENGALLSW KLGCSLDQSSIPDISSVQVPAKEGTMSAQLGYPVVGWHIANKKPHVPKRVRRLNNTPTPIPSLLPPTTYPEPPIRIVPTPTSPSIAPT
S ESSAPPVVRGPVPLPVKPTIRNRDSAPSTPTLGPPLPTRVMVTTSTIAIQPTMTRPVYVGASVTPATPTRKPTKRPPKKPKTTPIPREPK TTTTKP
PRRSTPAVIGDSNIKPELRNPIDQVNAYVGTYFEVKVPSDTFFDKEDGTTDKLRLTLRKGNDVVADDSWIQFNSTS QLLYGLPD QEHAGKHEYFM
QATDKGGLYAMDAFEVRVSMWGN SVKPPVLF TAVFDGDARTVTNDIHKILLVKKLSQSFGDRNSSTITLKSITKGSII VEWTNNSLQQSPCKDQI
QQLSKKISDPEGKPSIFKFTMEPDFRPSNITVRGTASCRNYMFVPLGEIPDPTSPGTPAVGAGRQSTDDV YLHTVIPAVVVAAILLIAGIAMIYR
KKRKGKLTIEDQATFIKKGVPPII FADELDDSKPPPSSSMPLILQEEKPPLPPEYPNMATPET TPLNQDLLGEYTPLHDEDPNAPPYQPPPPFSTPM
EGKGSRPKNMTPYRSPPPYVPP.

Mono				Unconjugated; also availabl	
MO-AB-			WB, ELI MO01	e for Biotin; HRP; FITC and	100
clona Chicken (<i>Gallus gallus</i>)			SA	546Y	µg
01546Y				other labeled form.	
I					

Protein Refseq: The length of the protein is 896 amino acids long. The sequence is show below: MTVGCVPQPPFLGRTLPLVLLAASARCHW

PSEPAEVRDWNQLEASMHSVLSDLRETVPAVVGIPDSSAVVGRFFRVS IPTDLIASNG EAVQVSEAGKESLP SWLHWAESSSLEGLPLD
TDKGVHYISVTTLQPF PNGSYVPQAANVFSVEVHQEDHSEPQSLRAAAQEAGDAAPFV CGAEEPVTILTVILDADLT KMTPKQRIELLNRMRSFSEVEL
HNMKLVPVVNNR LFDMSAFMAGPGNAKKVVENGALLSWKLGCSLSQNSV PNISKVEAPAKEGTMSARLGYPVVGWHIANKKPHLPKRMRRQIN
ATPTPLTAIGPPTTAAQEPPTRIVPTPTSPAIAPTETTAPPVREP IPLPRKPTVTIRTRGPIVQTPTLGPIQPTRLVEGTGT VSVPIRPTVPGYVEPTA

Sub Ca	Clo	nalitSpecies Reactivity	Applic Clon	Conjugate	Siz
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VITPPTTTTKKPRVSTLKPATPSTTDSSTATRRPT RRPKTPRPTKPPSTTRSTISKLTASPPTRVVRTASGVPRPWEPNEPPKLTNHIDRVDAWE
 GTYFEVKIPSDTFYDKEDTTTDLKLTLK LKEQQMIEENSWVQFNSTSQLMYGMPDRSHVGKHEYFMYATDKGGLFAVDFAFEIHVHKRPHGDKS
 PVKFKARLEGDHSVANDIHKIML VKKLALAFGDRNSSTITVQDIAGKSIVVEWTNNTLPLEPCPREQIRTLSSKIAEDSGGASPAFSNILQPEFKP
 LNVSVVSGSGCGHIQFV PVTKDGRVISEATPTLAAGKDPEKSEDDVYLHTVIPAVVVAAILLVAGIAMICYRKKRKGKLTIEDQATFIKKGVPPIFAD
 ELDDSKP PPSSSMPLILQEEKAPLPPPEYPNQSMPETTPLNQDTIGEYTPLRDEDPPIAPPYQPPPPFTAPMEGKGSRPKNMTPYRSPPPYVPP.

Mono		Unconjugated; also availabl	
MO-AB-	WB, ELI MO02	e for Biotin; HRP; FITC and	100
02851H	SA 851C	other labeled form.	µg
I			

Protein Refseq: The length of the protein is 886 amino acids long.

The sequence is show below: MDIRCAALSFPMLRTIMVLLMASSAWSVWPSDPTEVAQDWDNQLEASMHSLEFPEIKETVAPMAGIPDSSAVVGR
 PFKIHIPAEFLASNGE TIKISEVGKDTLPSWLHWEANFLQGLPLDGDGKGVYEISVASLQLAPNGSYVPQTTDVFSVEVHPEDHNEPQSVRVAGQET
 TEATPFLCGT DEPVTILTILDADLTMTTKQRVDLLNMRDFSEVELFHMKLVPVNNRFLDMSAFMAGPGNAKKVVENGALLSWKLGCGMDQ
 NTVPNI RSVEVPAKEGTMSAQLGYPVVGWHIANKKPQMPKRIRRIYATPTPTAIGPPTTAIHEPPERIVPTPTSPAIPPTDTPAPPVREPIPL PG
 KPTVTIRTRGAIHTPTLGPIHPTRIETTSIVRPTMTRPIYVEPTAAVTPPSTTTKRPRVTTIKSATPPTTDSSTTTTKKPTKKPRP RPPKPLATTKAPT
 TKVETTSTTRPRTSTSGVPNTDPELKNHIDKVVAVVGTYFEVKIPDPTFYDREDGTTDNLQLTLVPRIKASTGEKMW VMLNSTSQVMYGMPPDIH
 IGDHEYLLRAADKAGRTAVDALEIQVRNLFQKQPSVPKFHAKFHGDHNAVINDINKILLVKKLAFAGDRN SSSITLHNITKGSVVVDWTNNTFTPT
 EPCPVEQVEGVGKKIYDERGNPRQHFVNAVEPEFKLLNISLSFTGCKHKNFRIYIPMRPEEPIPT AVAPTLAEERNPEKSEDDVYLHTVIPAVVVA
 AILLIAGIAMICYRKKRKGKLTIEDQATFIKKGVPPIFADELDDSKPPSSSMPLIL KEEKAPLPPPEYPNQNPETIPLNQDTFGEYMPLRDEDPNAP
 PYQPPPPFTTPMEGKGSRPKNMTPYRSPPPYVPP.

Mono		Unconjugated; also availabl	
MO-AB-	WB, ELI MO07	e for Biotin; HRP; FITC and	100
07865Y	SA 865Y	other labeled form.	µg
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Protein Refseq: The length of the protein is 895 amino acids long. The sequence is show below: MRMSVGLSLLLPLWGRTFLLLLCVAVAQSH
 WPSEPSEAVRDWENQLEASMHSVLSDLHEALPTVVGIPDGTAVVGRSFRVTIPTDLIGSS GEVIKVSTAGKEVLPSWLHWD PQSHTLEGLPLDTD
 KGVHYISVSAAQLDANGSHIPQTSSVFSIEVYPEDHSEPPSVRAASPD LGEEAAS ACAAEEPVTVLTVILDADLTMTKQRIDLLHRMQSFSEVE
 LHNMKLVPVNNRFLDMSAFMAGPGNAKKVVENGALLSWKLGCSLNQNS VPDIRGVEAPAREGTMSAQLGYPVVGWHIANKKPPLPKRIRRIQI
 HATPTPTAIGPPTTAIQEPPSRIVPTPTSPAIPPTETMAPPVRD PVP GKPTVTTRTGAIQTPTLGPIQPTRVSDAGTVVSGQIRATVTIPGYVEP
 TAVATPPTTTTKKPRVSTPKPATPSTDSSATTTTRPT KKPRTPRPVPRVTTKAPITRLETASPPTRIRTTTSGVPRGGEPNQRP ELKNHIDRVDAWV
 GTYFEVKIPSDTFYDKEDTTTDLKLTLKL REQQLVGEKSWVQFNSSNSQLMYGLPDSSHVGKHEYFMHATDKGGLSAVDFAFEIHVHKRPQGDKA

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PARFKAKFVGDPAPVVNDIHKIALV KKLAFAGDRNCSTVTLQNITRGSIVVEWTNNTLPLEPCPKEQITGLSRRIAEDNGQPRPAFTNALEPDFK
 ATSIATGSGSCRHLQFIP VAPPGIPSSVTPTEVPDRDPEKSSSEDDVYLHTVIPAVVVAAILLIAGIIMICYRKKRKGKLTLEDQATFIKKGVPPIFADE
 LDDSKPP PSSSMPILILQEEKAPLPPPEYPSQSVPETTPLNQDTVGEYTPLRDEDPNAPPYQPPPPFTAPMEGKGSRPKNMTPYRSPPPYVPP.

Mono				Unconjugated; also availabl	
MO-AB-			WB, ELI MO08	e for Biotin; HRP; FITC and	100
clona Cat (<i>Felis catus</i>)			SA 995W	other labeled form.	µg
08995W					
I					

Protein Refseq: The length of the protein is 892 amino acids long.

The sequence is show below: MRMSSGLSLLLPLWGRTFLLLLTVAVAQSHWPSEASRDWENQLEASMHSVLSDLHEAVPTVVGIPDGTAVVGRS
 FRVTIPMDLIASNGEL IKVSTAGKEALPSWLHWD PQSHTLEGLPLD TDKG VHYISVSTARLGANGSHVPQTSSVFSIEVYPEDHCEPQSVRAASP
 DPAEVVSSACA ADEPVTVLTVILDADLT KMT PKQRIDLLHRMQSFSEVELHNMKLPV VNNR LFDMSAFMAGPGNAKKVVENGALLSWKLGCSL
 NQNNVPD IRGVEAPAREGTMSAQLGYPVVGWHIANKKPLPKRIRRQIHATPTPTVTAIGPPTTAIQEPPSRIVPTPTSPAIA PPTETMAPPVRDPVP
 GKPTVTIRTRGAI IQPTPLGPIQPTRVSEAGTTVPGQIRPTMTIPGYVEPTAVATPPTTTTKKPRISTPKPATPSTDSSSTTTTRRPTKKP RTPRPVPRV
 TTKVPITRLETASPPTRIRTTTSGVPRGAEPNQRP ELKNHIDRVDAWVGTYFEVKIPSDTFYDNEDTTTDLKLTLKLREQ QLVGEKSWVQFNSNS
 QLMYGLPDSSHVGKHEYFMHATDKGGLSAVDAFEIHVHKRPQGDRAPARFKAKLMGDPAPVVNDIHKIALVKKL AFAFGDRNCSTITLQNITRG
 SIVVEWTNNTLPLEPCPKERIMGLSRRIAEDDGKPRAAFSNALEPDFKATSIAVTGSGSCRHLQFIPVAP PKRVPSEAPPTDVPDRDPEKSSSEDDV
 YLHTVIPAVVVAAILLIAGIIMICYRKKRKGKLTLEDQATFIKKGVPPIFADELDDSKPPSS SMPLILQEEKAPLPPPEYPNQSVPETTPLNQDTVGE
 YTPLRDEDPNAPPYQPPPPFTAPMEGKGSRPKNMTPYRSPPPYVPP.

Mono				Unconjugated; also availabl	
MO-AB-			WB, ELI MO11	e for Biotin; HRP; FITC and	100
clona Cattle (<i>Bos taurus</i>)			SA 168R	other labeled form.	µg
11168R					
I					

Protein Refseq: The length of the protein is 895 amino acids long.

The sequence is show below: MRMSVGS AVPLPLWGRTFLLLLSVAVTQSHWPSEPSEAVRDWENQLEASMHSALSDLHETVPTVVGIPDGTAVV
 GRSFRVTIPTDLIASN GEVIKVSAAGKEALPSWLHWD PQSHTLEGLPLD TDKG VHYISVSAARLGANGSHVPQTSSVFSIEVYPEDHSE PQSLRA
 ASPDPGEVVSL VCAADEPVTVLTVILDADLT KMT PKQRIDLLRRMRGFSEVEPHNMKLPV VNNR LFDMSAFMAGPGNAKKVVENG.

Mono				Unconjugated; also availabl	
MO-AB-			WB, ELI MO22	e for Biotin; HRP; FITC and	100
clona Chimpanzee (<i>Pan troglodytes</i>)			SA 766W	other labeled form.	µg
22766W					
I					

Protein Refseq: The length of the protein is 895 amino acids long.

The sequence is show below: MRMSVGLSLLLPLWGRTFLLLLSVVMAQSHWPSEPSEAVRDWENQLEASMHSVLSDLHEAVPTVVGIPDGTAVV

Sub Ca	Clo	nalitSpecies Reactivity	Applic Clon	Conjugate	Siz
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GRSFRVTIPTDLIASS GDIKVSAAAGKEALPSWLHWDSQSHILEGLPLDTDKGVHYISVSATRLGANGSHIPQTSSVFSIEVYPEDHSELQSVRTAS
PDPGEVVSS ACAADEPVTVLTVILDADLTGMTKMPKQRIDLLHRMRSFSEVELHNMKLVVNNRFLDMSAFMAGPGNAKKVVENGALLSWKLGCS
LNQNS VPDIRGVEAPAREGAMSAQLGYPVVGWHIANKKPPLPKRVRRQIHATPTPVTAIGPPTTAIQEPPSRIVPTPTSPAIAAPTETMAPPVRD P
VPGKPTVTIRTRGAIQPTLGLPIQPTRVSEAGTTVPGQIRPTMTIPGYVEPTAVATPPTTTTKPRVSTPKPATPSTDSTTTTTRRPT KKPRTPRPV
PRVTTKVPIRLETASPPTRIRTTTSGVPRGGEPNQRPELKNHIDRVDAWVGTYFEVKIPSDTFYDHEDTTTDLKLTLKL REQQLVGEKSWVQFN
SNSQLMYGLPDSSHVGKHEYFMHATDKGGLSAVDAFEIHVHRRPQGDRAPARFKAQFVGDPALVLNDIHKIALV KKLAFAGDRNCSTITLQNIT
RGSIVVEWTNNTLPLEPCPKEQIAGLSRRIAEDDGKPRPAFSNALEPDFKATSIAVTGSGSCRHLQFIP VVPPRRVPSEAPPTVEPDRDPEKSSD
DVYLHTVIPAVVVAAILLIAGIAMIYRKKRKGKLTLEDQATFIKKGVPPIFADELDDSKPP PSSMPLILQEEKAPLPPPEYPNQSVPETTPLNQDTV
GEYTPLRDEDPNAPPYQPPPPFTAPMEGKGSRPKNMTPYRSPPPYVPP.

Mono				Unconjugated; also availabl	
MO-AB-			WB, ELI MO25	e for Biotin; HRP; FITC and	100
clona Rat (<i>Rattus norvegicus</i>)			SA 273C	other labeled form.	µg
25273H					
I					

Protein Refseq: The length of the protein is 109 amino acids long.

The sequence is show below: DQATFIKKGVPPIFADELDDSKPPSSMPLILQEEKAPLPPPEYPNQSVPETTPLNQDTVGEYTPLRDEDPNAPPY
QPPPPFTAPMEGK GSRPKNMTPYRSPPPYVPP.

Mono				Unconjugated; also availabl	
MO-AB-			WB, ELI MO25	e for Biotin; HRP; FITC and	100
clona Pig (<i>Sus scrofa</i>)			SA 293R	other labeled form.	µg
25293R					
I					

Protein Refseq: The length of the protein is 877 amino acids long.

The sequence is show below: MRMSAGLSLLIPLWGRTFLLLLSVAVTQSRWPSEPSDAVRDQWENQLEASMSVLSLHEAVPTVVGIPDGTAVVG
RSFRVTIPTDLIASG GEIKVSAAGKEALPSWLHWDQSHITLGLPLDTDKGVHYISVSAARLGANGSHVPQTSSVFSIEVYPEDHSEPPQSVRAAS
PDPGEVVSS VCAADEPVTVLTVILDADLTGMIPKQRLDLLQRMQSFSEVELHNMKLVVNNRFLDMSAFMAGPGNAKKVIENGALLSWKLGCSL
NQNS VPDIHGVEVPAREGAMSAQLGYPVVGWHIANKKPPLPKRIRRRQIHATPTPVTAIGPPTTAIQEPPSRIVPTPTSPAIAAPTETMAPPVRD PVP
GKPTVTIRTRGAIFQTPTLGLPIQPTRVSEAGTTVPGHIRPTMTIPGYLEPTAVATPPTPTTKNPRVSXPTKKPRTPRPVPRVTTKAP ITRLETASPTT
RIRTTTSGLPRGEPNQRPELKNHIDRVDAWVGTYFEVKIPSDTFYDNEDTTTDLKLTLKLREQQLVGKSWVQFNSNS QLMYGLPDSSHVGKH
EYFMHATDKGGLSAVDAFEIHVHRRPQGDRAPARFTAKFVGDPAPVNDIHKIALVKKLAFAGDRNCSTITLQ NITRGSIVVEWTNNTLPLEPCP
KEQITGLSRRIAEDDGKPRAAFSNALEPDFKAMSIATGSGSCRHLQFVPVAPPKRVSEAPPTVEPD RDPEKSSSEDDVYLHTVIPAVVVAAILLIA
GIIAMICYRKKRKGKLTLEDQATFIKKGVPPIFADELDDSKPPSSMPLILQEEKAPLPP PEYPNQSVPETTPLNQDTVGEYTPLRDEDPNAPPYQ
PPPPFTAPMEGKGSRPKNMTPYRSPPPYVPP.

Sub Ca	Clo	Applic Clon	Conjugate	Siz
t	nalitSpecies Reactivity	ation e		e
y				

MO-AB-	Mono	WB, ELI MO30	Unconjugated; also availabl	100
30101W	clona Dog (<i>Canis lupus familiaris</i>)	SA 101W	e for Biotin; HRP; FITC and	µg
I			other labeled form.	

Protein Refseq: The length of the protein is 892 amino acids long.

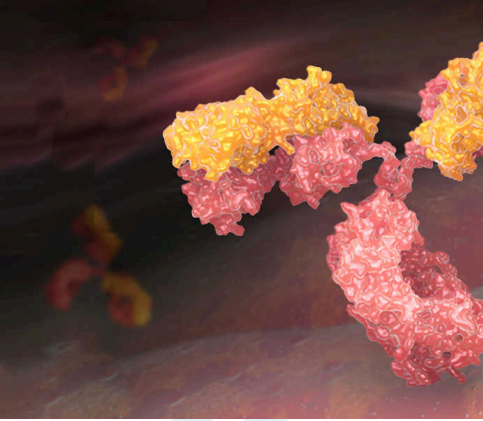
The sequence is show below: MRMSAGLSLLLPLWGRTFLLLLSVAMAQSHWPSEAGRDWENQLEASMHSVLSDLHEAVPTVVGIPDGIHAVVGRS
FRVTIPMDLIASNGEL VKVSAVGKEVLPSWLHWD PQSHTLEGLPLD TDKG VHYISVSATRLGANGSHVPQTSSVFSIEVYPEDHSEPQSVRAASP
DPAEVVSSACA ADEPVTVLTVILDADLT KMT PKQRIDLLHRMRSFSEVELHNMKLV PVVNNR LFDMSAFMAGPGNAKKVVENGALLSWKLGCSL
NQNNVPD IHGVEAPAREGAMSAQLGYPVVGWHIANKKPPIPKRIRRIHATPTPTVTAIGPPTTAIQEPPSRIVPTPTSPAIPPTETMAPPVDRPVP
GKPTVTIRTRGAIQTPTLGP IQPTRVSEAGTTVPGQIRPTMTIPGYVEPTAVATPPTTTT KPRVSTPKPATPSTDSSTTTTTRRPTKKP RTPRPVPR
VTTKAPITRLETASPPTRIRTTTSGVPRGGE PNQRPELKNHIDRVDAWVGTYFEVKIPSDTFYDHEDTTT DKLKLTLKREQ QLVGEKSWVQFNSN
SQLMYGLPDSSHVGKHEYFMHATDKGGLSAVDAFEIHVHKRPQGDRA PARFKAKFMGDPVPVNDIHKKISLVKKL AFAFGDRNCSTITLQNITR
GSILVEWTNNTLPLEPCPK EQIMALSQRIAEDNGKPRAAFSNALEPDFQASSIAVTGSGSCRHLQFIPVAP PRRVPSEVPSTDV PDRDPEKSSD
DVYLHTVIPAVVVAAILLIAGI IAMICYRKKRKGKLTLEDQATFIKKGVP IIFADELDDSKPPSS SEMPLIQEEKAPLPPPEYPNQSV PETTPLNQDTV
GEYTPLREEDPNAPPYQPPPPFTAPMEGKGSRPKNMTPYRSPPPYVPP.

MO-AB-	Mono	WB, ELI MO53	Unconjugated; also availabl	100
53897W	clona Marmoset	SA 897W	e for Biotin; HRP; FITC and	µg
I			other labeled form.	

Protein Refseq: The length of the protein is 895 amino acids long.

The sequence is show below: MRMSVGLSLLLPVWGRTFLLLLSVAMAQSHWPSESEAVRDWENQLEASMHSVLSSELHEAIP TVVGIPDGTAVV
GRSFRVTIPTDLIASS GDIKVS AAGKEALPSWLHWD P NSHTLEGLPLD TDKG MHYISVSAARLGANGSHIPQTSSVFSIEVYPEDHSELQSVRTA
SPDPGEVVSS ACAVDEPVTVLTVILDADLT KMT PKQRIDLLHRMRSFSEVELHNMKLV PVVNNR LFDMSAFMAGPGNAKKVVENGALLSWKLG C
SLNQNS VPDIRGVEAPAREGAMSAQLGYPVVGWHIANKKPPLPKRVRRQIHATPTPTVTAIGPPTTAIQEPPSRIVPTPTSPAIPPTETMAPPVDR
PVP GKPTVTIRTRGAIQTPTLGP IQPTRVSEASTTVPGQIRPTMTIPGYVEPTAVATPPTTTT KPRVSTPKPATPSTDSSTTTTTRRPT KKPRTPRP
VPRVTTKAPITRLETASPPTRIRTTTGGVPRGGELNQRPELKNHIDRVDAWVGTYFEVKIPSDTFYDHEDTTT DKLKLTLKL REQQLVGEKSWVQF
NSNSQLMYGLPDSSHVGKHEYFMHATDKGGLSAVDAFEIHVHRRPQGDRA PARFKAKFVGDPAPVLNDIHKKIALV KKLAFAGDRNCSTITLQNI
TRGSIVVEWTNNTLPLEPCPKDQIVGLSRRIAEDDGRPRPAFSNALEPDFKATSIGVMGAGSCRHLQFIP VAPRRVPSEVPPTTEVPDRDPEKSS
EDDVYLHTVIPAVVVAAILLIAGI IAMICYRKKRKGKLTLEDQATFIKKGVP IIFADELDDSKPP PSSSMPLIQEEKAPLPPPEYPNQSV PETTPLNQD
TVGEYTPLRDEDPNAPPYQPPPPFTAPMEGKGSRPKNMTPYRSPPPYVPP.

Sub Cat	Clo	nalit	Species	Reactivity	Applic Clon	Conjugate	Siz
					ation e		e
MO-DKBP	Polyc		Human (<i>Homo sapiens</i>), Mouse (<i>Mus musculus</i>), Horse (<i>Equus caballus</i>), Rat	WB, IF, I			100
-00629W	lonal		(<i>Rattus norvegicus</i>), Bovine (<i>Bos taurus</i>), Dog (<i>Canis lupus familiaris</i>), Cat (<i>Felis</i>	HC, IHC		Unconjugated	µg
			<i>catus</i>), Rabbit (<i>Oryctolagus cuniculus</i>), Rhesus (<i>Macaca mulatta</i>)	-P			



AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.