

AibGenesis™ Mouse Anti-Grn Antibody (CBMOAB-18230FYA)

Cat. No.: CBMOAB-18230FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO18230FYA
Specificity	This antibody binds to fruit fly Grn.
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

Product Overview	Mouse Anti-D. melanogaster Grn Antibody is a mouse antibody against Grn. It can be used for Grn detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 699 amino acids long. The sequence is show below: MDMTSTAEEAAARSWYDSPRLGGGGSSGGNGGGVSPQTNGLGSAGSSL AHSHHSLSSGAS SAGSSVGVGSALGGGGGSGLDTSDFYALSNHGHRRYYPSYHQHTSRMPSTHA SPQV CRPHFHTPLSPWLTSEHKSFAPASAWSMGQFACQPQVEHKLGMGQSHQTTAAGQHSF PFPP TPPKDSTPDSVQTGPSEYQAVMNAFMHQQATGSTSLTDASCALDIKPSIQNGSASG SSGSGTTHSTPKQ REGTASTTNSSSNSSSSQQQQQQQQQQQQSSSNTTASSNTSA SSSAAAASLSAAVAASAATSSN

GLFDGTAQAYSSGGSGGGGGGGSGSGGYDTSSYASYHH AAAHHQAAVAANMFQSSSVAAA VRHSM
 AAAQAHHHHHHHSGHHHSGSSSLHGLGG SVGGTAGMGSMSGNSGGAGSLSGHSGAGSNAGSNCL
 DVKPVRTKPR TSAEGRECVNCGAT STPLWRRDGTGHYLCNACGLYYKMNGQNRPLIKPKRRLTLQSLQS
 AAKRAGTSCANCKTT TTTLWRRNASGEPVCNACGLYYKLHNVRPLTMKKEGIQTRNRKLSSKSKKKKGL
 GGGCL PIGGHLGMGDFKPLDPSKGFSGGFSASMAQHGLSSGLHPAHAMHGSWYTGGMGALGAS SG
 LQGGFSTAGSLSGAVVPHSQPYHLGLSSMGWTRTDYT.

Sub Cat	Clonalit y	Species	Reactivity	Applicati on	Clone	Conjugate	Size
CBMOAB-44155 FYA	Monoclon al	Rhesus (<i>Macaca mulatt a</i>)		WB, ELISA	MO44155F YA	Unconjugated; also available for Biotin; HRP; FITC and ot 100 μ her labeled form.	g

Protein Refseq: The length of the protein is 441 amino acids long.

The sequence is show below: MWTLVSWVALTVGLVAGTWCPDGQFCPVACCLDPGGASYSCCSPLLDKWPTTLSRHLGGPCQAGAHCSAGHS
 CILTVSGTSRCCPFPEAV ACGDGHHCPRGFHCSADGQSCFQRSGNNSVGAVQCPDSSHFECPDLSTCCVMVDGWSWGCCPMPQASCCEDRV
 HCCPHGAFCDLVHTRCIT PTGTHPLAKKIPAQRSNRAVALSSSV MCPDARSQCPDGSTCCELP SGKYGCCPMPNAMCCSDHLHCCPQD TVCDL
 IQSKCLSKENTTMDL LTKLPAQTVGDVKCDMEVSCP DGYTCCRLQSGAWGCCPFTQAVCCEDHIHCCPAGFTCDTQKGTCEQGT YQVSWMEK
 TLAHLSLPDPQAL KRDVPCHIVSSWHFCHDNQTCCRDNRGWACCPYRQGICCADRRHCCPAGFRCAARGAKCLRREALRWDAPLRDPALR
 QLL.

MO-AB-04076H	Monoclon al	Frog (<i>Xenopus laevis</i>)		WB, ELISA	MO04076C	Unconjugated; also available for Biotin; HRP; FITC and ot 100 μ her labeled form.	g
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Protein Refseq: The length of the protein is 950 amino acids long.

The sequence is show below: MAPLWFLLLVSTVGATLCPDGSACGEKSLCCRLPGNEGFGCCPEGEVVSLSLPMMLSQTSCFGPSGCPDEYS
 CVTTPQGG SACC PMAQG RSCRDGHHC SAGSYCSDDGHFCIPASNESAVICPDGKSECPALTTCCLMDSMSSWGCCPMPQAVCCADHMHCC
 PSNSKCDVQQGR CVTK QDHVPWMQKL PARVRLV VGLGDEERWWQCPDGTSCPDGSTCCEQVDR TYGCCSILSAVCCSDHLHCCPAGTSCDL
 VHQKCVSSNGEGPLL LQMPAVRQESANQVLCDA STCPDKNTCCRLSGKFGCCPYDQAVCCEDQIHCCP NGFTCS DGSCVMAEHSIPWMKK
 TLAKGLTTTRVRC DETASCEQETCCRLVSGKWGCCPIEKAVCCDDHLHCCPEGFTCTQGQCLAEELSIPWFSKTPALTHKARDVQCDDMYSC
 PDGQTCCRLA SGDWGCCPIAKAVCCEDHEHCCPPGYTCSGGDCQM GDQSIPWLRKTPALRQEARDVQCDDMYSCPDGQTCCRLASGDWGC
 CPIAKAVCCE DHEHCCPPGYTCSGGDCQM GDQSIPWLRKTPALRQEARDVQCDDMYSCPDGQTCCRLASGDWGCCPIAKAVCCEDHEHCCP
 PGYTCSGGD CQM GDQSIPWLRKTPALRQEARDVQCDDMYSCPDGQTCCRLASGDWGCCPIAKAVCCEDHEHCCPPGYTCSGGDCQM GDQ
 SIPWLRKTPA LRQEARDVQCDDMYSCPDGQTCCRLASGDWGCCPIAKAVCCDDHEHCCPPGFTCSGAQCIGSGGGLSIPWFSRTPALRQEGN
 AVKCDDSF SCGDGQSCCRMVSGEWGCCPIEKAVCCSDHLHCCPAGYTCNVAAGSCEIPQKKVKISFPGATSALRLNYVWCDAQTYCFDGQT
 CCRGRG GVVNCCLYTQGVCCPDMVHCCPYGYVCLAGGASCARSGMSRWDGKPSPL.

Sub Cat	Clonality	Species	Reactivity	Application	Clone	Conjugate	Size
MO-AB-13370R	Monoclonal	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO13370R		Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 587 amino acids long. The sequence is show below: MWTLSVSWVALVTGLVVGTCQCPDGQLCPVACCLDPNGATYSCCNPVQDQRPSVLSQRLGRPCQADGHCAPGYS CILTVSGTSSCCPFPEAV SCGDGRHCCPRGFHCNADGRSCFQRSSTKPLDAVQCPDKQFQCPNSSTCCTMPDGSWGCCPMPQASCCEDKIH CCPHGTSCDLARGRCLS ATGTHPLAKKMPAHKTKSSVILCPDGQSQCPCDGSTCCKLPTGKYGCCPMPNAICCSDDLHCCPQNTVCDLTQSKC.							
MO-AB-26233R	Monoclonal	Pig (<i>Sus scrofa</i>)	WB, ELISA	MO26233R		Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 583 amino acids long. The sequence is show below: MWTLSVSWVALVTGLVAGTCQCPDGQLCPVACCLDPGGASYSCCNVPDPKWPKALSQHLGVPCCKTAQCPPGHS CILTTNETSNCCPFPEAV SCRDLGHCCPQGFGHCSADGWSCLRPDTPKPSDDILCPNSQFHCPNSSTCCTMLDGSWGCCPLPQASCCGDKVHC CPHGTSCDLAHSRCLT VTNTHPMKIPSQETIKTAIQCPDAESQCHNNSTCCKLSSGKYGCCPLPNATCCSDHIHCCPHGFVCDPVKKKCFKSKE NEAIDFFTKLPA HSVQEVKCDTEVSCPDYTCRLQSGKWGCCPFVQAVCCNDHVVHCCPTGYQCNIKGTCDLETQWVPWKEKIPASLSRPDL LAMERDVPC DNVSSCPSSSTCCPVTGGEWGCCPAPEAVCCSDHQYCCPKGHTCVGKGHCKRKKDMVTGLNKMPTRRASASQPGNTTGCDQ HTSCPVGQT CCPSLSKGWACCQLPHAVCCEDRQHCCPAGYTCNVKARTCEKEEDSALPATHLARVGDVACGERRFCHNNYTCCRDSLGGWA CCPYRQGI CCADGRHCCPAGFRGARGTKCLHKEALRWDAPLRDPAPRQLL.							
MO-AB-26637W	Monoclonal	Chimpanzee (<i>Pan troglodytes</i>)	WB, ELISA	MO26637W		Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 593 amino acids long. The sequence is show below: MWTLSVSWVALTAGLVAGTRCPDGQFCPVACCLDPGGASYSCCSPLLDKWPTTLRHLGGPCQVDAHCSAGHSC IFTVSGTSSCCPFPEAV ACGDGHHCPRGFHCNADGRSCFQSRGNSVGAIQCPDSQFECPDFSTCCVMVDGSWGCCPMPQASCCEDRVHC CPHGAFCDLVHTRCIT PTGTHPLAKKLPAQRNRAVALSSSVMPDARSQCPDGSTCCELPSGKYGCCPMPNATCCSDHLHCCPQDQTVCDLVQ SKCLSKENATDDL LTKLPAHTVGDVKCDMEVSCPDGYTCRLQSGAWGCCPFTQAVCCEDHIHCCPAGFTCDTQKGTCEQGPHQVPWMEKAP AHLSPDPQAL KRDVPCDNVSSCPSSDTCCQLMSGEWGCCPIPEAVCCSDHQHCCPQGYTCVAEGQCQRGSEIVAGLEKMPARRASLSHPRD IGCDQHTSC PVGQTCCPSLGGSWACCQLPHAVCCEDRQHCCPAGYTCNVKARSCEKEVSAQPATFLARSPHVGVKDEVCGEHGFCHDNQT CCRDNRQG WACCPYRQGVCCADRRHCCPAGFRCAARGTKCLRREAPRWDAPLRDPALRQLL.							
MO-AB-41771W	Monoclonal	Guinea pig (<i>Cavia porcellus</i>)	WB, ELISA	MO41771W		Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

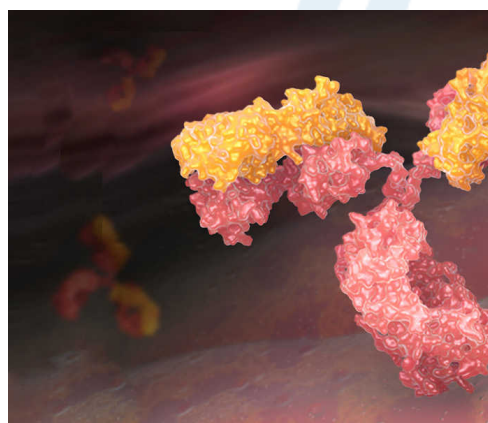
Protein Refseq: The length of the protein is 591 amino acids long.

The sequence is show below: VAGIRCPDDQVCPVACCPDSGGASYSCCDPGVDLRTTALSGYLGRPCQSPANCPIGHSCVLTAAGTAACCPFSQ

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
AMACGDGHHCCPYGFH	CSTDGGTCIQRPDIHLL	GAVQCPGGEFEC	PDSSTCCHMLDGSWG	CCPMPQASCCEDRVHCC	PHGASCDLVHIRCV	
TALGSHPLTTKLPAQ	RTNYTGAEGTPVVS	PGLLPAALPTSVIC	PDSRSQCDDTTCC	LLASGEYGCCPMPNA	ICSDHLHCCPQDTV	CDLRQSR
CLSQNKAKTLL	TKLPSWTVWDVECD	QEVSCPEGQTC	RLQSGKWGCCPF	KAVCCEDHVVHCC	PERFRCHTEKDTCE	EQGLLQVPWAQKTPAQ
PSRPSQPSPP	GPPGPPSPGPLRSE	ISCDEVVSCR	PGNICRLASGEW	GCCPSSEGYLC	MAGERCQVGDRLA	PEKMAAHLMSLSQ
TTDVGCD	QHASCPVR	QTCCPKLGGGW	ACCQLPHAVCCED	GQHCCPAGYTC	NVKARSCEKAADGA	HLAAPLAVGSTGGV
MDVACGDRHFCH	DEQTCR	DSRGGWAC	CPFHQGVCCKDQ	RHCCPAGFH	CESQGT	RCVHKKSL
LLHWD	SLRPAAPR	PRL				
MO-AB-56414W	Monoclonal	Marmoset	WB, ELISA	MO56414W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 592 amino acids long.

The sequence is show below: MWTLVSWVALTAGLVAGTWCPDGQFCPVACCLDPGGASYSCCSPLLDKWPTTLRPLGGPCQVDAHCSAGHS
 CLLTVSGTSSCCPFPEAV ACGDGHHCPRGFHCSAEGQSCFQRSGNNSMGAVQCPDSQFECPDSSTCCIMVDGSWGCCPMPQASCCEDRV
 HCCPHGASCDLVHIRCVT PTGTHPLAKKIPAQRNRAVALSSSVMCPDARSQCPDGSTCCELPSGKYGCCPMPNATCCSDHLHCCPQNTVCDLI
 QNKCLSKEHATDLL TKLPAHTVGDVKCDMEVSCPDGYTCCRLQSGAWGCCPFTQAVCCEDHIHCCPSGFTCDTQKGTCEQGTHQVPWMEKA
 PAHLSLLDPQALK RDVPCDNVTSCPPSNTCCQLMSGEWGCCSAPEAVCCSDHQHCCPQGYTCVVEGQCHRGPKIVAGLEKMPARRASGSH
 RDIGCDQHTSCP VGQTCCPSLGGGWACCQLPHAVCCEDRQHCCPAGYTCNVKARSCEKEVVSAPATFLARGPHVGMRDVECGAGHFCHDD
 QTCCRDSQGGW ACCPYRQGVCCADQRHCCPAGFHCSAKGTCKLRRETLHWDTPLRDPALRQLL.



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.