

AibGenesis™ Mouse Anti-Nes Antibody (CBMOAB-25572FYA)

Cat. No.: CBMOAB-25572FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO25572FYA
Specificity	This antibody binds to fruit fly Nes.
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

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 a member of the intermediate filament protein family and is expressed primarily in nerve cells. (From NCBI)
Product Overview	Mouse Anti-D. melanogaster Nes Antibody is a mouse antibody against Nes. It can be used for Nes detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 497 amino acids long. The sequence is show below: MAEFEEEDLPHNGLMDGIASGVGPVEALRLLLTILAGYPVAALYQKFISVIAD KTVHHMF FAGCGAGLCYFNYGLDTYHSLIAILTTYFLVLLLRKKTQIFLAINFVFHMSYLLLGIFYT SSNDYDI LWTMPHCILVLRMIGYGFDITDGLKEESEL SKDQKETALKKPPSLLELLAFSY FPSGFLVGPQFPFRRYKAFV DGEFRQHEGNVEAGVRRFGAGAFYLIVCQVGLRYPDSYF LTPEFAQVSFVKRIYLLGFWAKFSLYKYISC

WLLTEGALICIGLTYKGEDKNGQPDWSGC SNVKLKLLETGNTMEHYVQSFNVNTNQWVGQYIYKRLKFLN
NRTISYGAALGFLAVWHGY HSGYYMTFLMEYMVVSTEKQITRFYTKVVL PQWGHILNNSDIYKLLYFITLKS
YNVVYMG WCLTAFVFLKYERWIVVYGAVSYYGFTFLVLWAAFYHTFNHFFRSSSRKLAGEDQKLQDS NTD
KLVEEKKPEDKKSE.

Sub Cat	Clon ality	Species	Reactivity	Applicatio n	Clone	Conjugate	Siz e
CBMOAB- Mono 52492FYA clonal		Rhesus (<i>Macaca mulatta</i>)		WB, ELISA	MO524 92FYA	Unconjugated; also available for Biotin; HRP; FITC and other label ed form.	100 µg

Protein Refseq: The length of the protein is 1612 amino acids long.

The sequence is show below: MEGCMGEESFQMWELNRRLEAYLGRVKALEEQNELLSAELGGLRAQSGDTSWRARADDELAALRALVDQRWR
EKHAAEVARDNLAAEELEG VVGRCQQLRLARERTAEVARNRRAVEAEKCARAWLSRQAAELERELEALRLAHEEERIGLNAQAACAPRCPAPPR
GPPAPAPEVEELAR RLGEAWRGAVRGYQERVAHMETSLGQARERLGRAVQGAREGRLELQQLQAERGGLQERRAALEQRLEGRWQERLRAT
EKFQLAVEALEQE KQGLQSQIAQVLEGRQQLAHLKMSLSLEVATYRTLLEAENSRLQTPGGGSKTSLSFDPKLELQFPGTPEGRRLGSLPLVLS
PTSLPSPL PATLETPVPAFLKNQEFLQARTPTLASTPIPTPQAPSLATEAEIRAQDAPVTLLQAQGGGRKQAEPLQAEAKVAIPASVLPGPPEEPGG
Q WQEAGTGQSPEDHASLAPPVSPDHSSLEAKDGESGGSRVFSICQEEGEGQIRGLVEKETAIIEGKMVSSLQQEIWEEQDLNRKEIQDSQVP LE
KETLKS LGEEIQESLKTLENQSHETLERENQESPRSLEEDLDTLKSLEKENRAIKGCGGSETSRKRGCR LKPIGKEDTQTLQPLQKEN QELMKSL
EGNLETFLFPGKENQELVSSLQENLESLETALEKENQEPLRSLEVEDEEALRSLTKVNQEPLRSLEDENQEAFRPLEKENQEPL NSLEEDQSIVRP
LETENHTSLRSLEEDQETLRTLEKETQQPQRPLGEEDQMTLRPPEKVDPEPLKSFDQEIARPLENENQELLKSLKE ESVEAVKSLETELLQSLK
SAGQENLET LKSPETEAPLWSLEEINQGNETS RNSRTTGVCSEPRDIETPRRGESGTIEIFRSMEPGEFEI SRGDKESQRNLEEEENLGKGENQ
ESLRSLEEEERQELPQSADVQRWEDTVGKDQELFQESPAGMAGVENEDEAELNLREQDGFAGKEEVVE QGEANATEEVWIPGEGHPESPEPKE
QRGLAEGASGKGGAEGLQDPEGQSQQVGAPGLQAPQGLPEAIEPLVEDEDVAPRGGQASPEVTLA SEPVTGESAVGAEPGPRQEVGGLEDS
GHLTREEVMEPPLEESLEAKRVQGLEGPRKDPEEAGALGTSELPRKSRDPWESPKGWEESE AEAPREAAEFPAETLGHDGSDAPPPPL
GSEEAEKDVPPVLVSPSPPTYPILEDAPGPQPQAEGSQEASWGVQGRAEALGKVESEQEEL GSGEIPKGLQEEGEESREESEDELGELTPDS
TPLGLYLRSPSPKWPLESRGHPLKTGKEGWDP AALASKGLEAPPSEEEEEEGEEEC GRDSDLSEEFEDLGTEASF LPGVPGEVAEPLGQVP
QLLLEPAAWDRDGEDSGFADEEESGEEGEEDEEKGREPEAGR WGP GSSVGS LQAL SSSQRGDFLES DSVGSVPWDDGLRGAVAGAPMTAL
ETESQDSAEPGSGSEESDPVSLEREDKVPGPLEVPGGMEDSGPGADIIGVNGQG PNLEEK SQHVNGGVMNGLEQSEEVGQG TLLVPEEDRGS
PFQEEEGSALKTSWAGAPVHLGQGQFLKFTQREGDRESWSSGED.

CBMOAB- Mono 88775FYA clonal	Zebrafish (<i>Danio rerio</i>)	WB, ELISA	MO887 Unconjugated; also available for 75FYA Biotin; HRP; FITC and other label	100 µg
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Sub Cat	Clon ality	Species	Reactivity	Applicatio n	Clone	Conjugate	Siz e
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ed form.

Protein Refseq: The length of the protein is 1265 amino acids long.

The sequence is show below: MELLGVRQPFPGPQFQEEKYQMLELNHRLESYLGRVKLLEENKLLREEIHTLKSSRDPAGQRKAQEEALSQARR
 MMEEAWRKKDCVELEV ENLMEDMEKVSFQRKKVKTAQAEAQRKLTESRKELEEERRAQIWLREKVGQLEKDLMLQMQRVHQNEMETMQASLK
 QTKQVLMAPQRVQAT SIPDLGQEYGYKAAQAWQEAANNYQKQVGRLEESLNQTKANMTKIYQEKRESQRQVQHLAKELESTRIKRQMLEKHA
 MQQREEQEELQH LQAQVNTLELEKDCLGQQIDSLMLDRQHLLQVKMSLGLEVATYRALLDSEGLRIDRPTPNKTSSTVFLDALSKPTGIQSTSQ
 TTAASCLL SSSVSTSHRSIASSRSLTSAAPSWTLTRGTPQRPPSSTSMTEKTEDHISEETKRSAEESVDQLQQEKVQQDWTLESTLPKTSAPPK
 PEL QPEEIKVEDEANEPQQAHMVESKTDSELTSPAEQQGSMSTPETKSWAGHFNDPAEVSEDGKDEDETVSVEMARISHAPKVAWEEIKS
 AVEDEKDDASEMDVRSEIIESHTFAYGDAENDSNTLTSSHISQNTNALASSFLEQGTLDASIFYGATNENLMKEEELDNVSNISEEV TEQLNS
 ETEAAIDSINEWDRQEESEPENETKVMTSYFEVEEGEMSINTDTKDKTEDDIEREELEVTEREILVQSAGGMLGVDLPNDTDHQ DEHNLPQIELN
 EDQSEAEENQKEKQCDEDDSPNISASLKTDPGEGDSYSQEHTLADTRPLIRYKSDEETSHHIGETSDSEDEKERIDQG HLNKRFNTMEDLTE
 EPDMEVTGKMRLEDLVSNEEAADDVASVMFQKVSGDHESLDVVQESERKGNLEKEDSGDADNMRDNKEEDVSV FEQNENQQLTEHQHVH
 TEQVEDKPVHSHETQEHVNTEFSSTFSERSQQEQLEESLTMFEDEAATKEAEDSDVSMHTNIDLIDRSLESE INGQPDIMTSDMANSECNSSE
 DESPNASQCFQNTSLLAAATPNEQPLTFTNEVSKADYVSDNNDVPEEVLSEEKSTDEPKASQIDDLENF NIWGESTSISDAAQTTHASMDEHSSI
 SPVNNENLESSNKIPSAENIFGHFEEHLERSVESFPEKEVTVMDFENNDLGEFQSKQMKSEIH SFFSTSLKQDFWSEGMEMAATYDPAKTED
 LNQAMVFGEEWREIGVQSANGDTKEEMEILKIRDDKQKDGQPAQSKIVQSDSDAEGDSW SSGDE.

MO-AB-08 Mono					Unconjugated; also available for	
943Y	clonal	Rabbit (<i>Oryctolagus cuniculus</i>)	WB, ELISA	MO089 43Y	Biotin; HRP; FITC and other label	100 µg

ed form.

Protein Refseq: The length of the protein is 186 amino acids long. The sequence is show below: CPSCWSLQPGTGTGSLMGLQMRKRAGRR
 GKRRRRRGSQGLGSGGQWSSAGSLQRGDFLESETVGVSVPWDDGSRAAVADAPVTALETESQ DSAKPSGSEEEFDSVPLEREDQGPGPVET
 PRRAEGTSPGTADTLGINGRGPDLSESEHVNGGVNGLQQPEEVGQKLGAPDGRGSPLA EEEGAA.

MO-AB-16 Mono					Unconjugated; also available for	
002W	clonal	Chimpanzee (<i>Pan troglodytes</i>)	WB, ELISA	MO160 02W	Biotin; HRP; FITC and other label	100 µg

ed form.

Protein Refseq: The length of the protein is 1620 amino acids long.

The sequence is show below: MEGCMGEESFQMWELNRRLEAYLARVKALEEQNELLSAELGGLRAQSADTSWRARADDELAALRALVDQRWR
 EKHAAEVARDNLAAEELEG VAGRCQQLRLVRERTTEEVARNRRAVEAEKCARAWLSSQAAELERELEALRVAHEEERVGLNAQAACAPRCAPP
 RGPPAPAPEVEELAR RLGEAWRGAVRGYQERVAHMETSLGQARERLGRAVQGAREGRLELQQLQAERGGLQERRAALEQRLEDRWQERLRA
 TEKFQLAVEALEQE KQGLQSIAQVLEGRQQLAHLKMSLSLEVATYRTLLEAENSRLQTPGGGSKTSLSFQDPKLELQFPGTPEGRRRLGSLLPVL

Sub Cat	Clon ality	Species	Reactivity	Applicatio n	Clone	Conjugate	Siz e
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SPTSLPSPL PATLETPVPAFLKNQEFLQARTPTLASTPIPPTPQAPSPAADAEIRAQDAPLSLLQTQGGRKQAPEPLRAEARVAIPASVLPGPEEPG
GQ RQEASTGQSPEDHASLAPPLSPDHSSLEAKDGESGGSRVFSICQGEQEGQIWGLVEKETAIEGKVVSSLQQEIWEEEDVNRKEIQDSQVP L
EKETLKSLGEEIQESLKTLENQSHETLERENQECPRSLEEDLETLSLEKENKELLKDVEVVRPLEKEAVGQLKPTGKEDTQTLQSLQK ENQELM
KSLEGNLETFLFPGKENQELVSSLQENLESLETALEKENQEPLRSPEVGDEEALRPLTKENQEPLRSLEDENKEAFRSLEKENQE PLKLEEEDQSI
VRPLETENHKSLSRSLEQQDQETLRTLKETQQRRLSLGEEDQMTLRPPEKVDPEPLKSLDQEIARPLENENQEFLKSL KEESVEAVKSLETEILE
SLKSAGQENLETLKSPETQAPLWTPPEINQGTMKPLEKEIQEPLESVEVNQETLRLLEENQESLSRSLGAWNLENLRSPEEVDKESQRNLEEEEN
LGKGEYQESLSRLEEELQELPQSADVQRWEDTVEKDQELAQESPPGMAGVENEDEAELNLREQDGFTG KEEVVEQGELNATEEWWIPGEGHP
ESPEPKEQRGLVEGASVKGGAEGLQDPEGQSQQVVAPGLQAPQGLPEAIEPLVEDDVAPGGDQASP EVMLGSEPAMGESAAGAEPGPGQGV
GGLEDPGHLTREEVMEPPLEESLEAKRVQGLEGPRKDLEEAGGLGTEFSELPGKSRDPWEPPKG REESEAEAPRGAAEAFPAETLGHTGSD
APSPWPLGSEEAEDVPPVLVSPSPTYTPILEDAPGPQQAEGSQEASWGVQGAAELGKVES EQEELGSGEIPEGLQEEGEEESREESEDEL
GETLPDSTPLGFYLRSPTSRWDPTGEQRPPPQGETGKEGWDPAVLASEGLEAPPSEKEE GEEGEEECGCDSDLSEEFEDLGTEAPFLPGVP
GEVAEPLGQVPQLLLLDPAAWDRDGEDSGFADEEESGEEGEEDQEEGREPGAGRWGPGS SVGSLQALSSSQRGEFLESDSVSVSPWDDSLR
GAVAGAPKTALETESQDSAEPGSGEEESDPVSLEREDKVPGLEIPSGMEDAGPGAD IIGVNGQGNLEGKQSHVNGGVMNGLEQSEEVGQG
MPLVSEGDRGSPFQEEEGSALKTSWAGAPVHLGGQGQLKFTQREGDRESWSSGED .

MO-AB-16 Mono					Unconjugated; also available for	100
665R	clonal	Cattle (<i>Bos taurus</i>)		WB, ELISA	Biotin; HRP; FITC and other label	µg
					ed form.	

Protein Refseq: The length of the protein is 344 amino acids long.

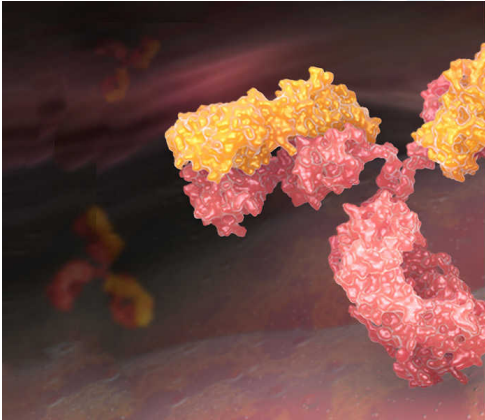
The sequence is show below: PEGLQEEGEEESREESEADELGETLPDSTPLGLYLRSPASPKWDLPGEQRPSPQGEPRKEGWDPVVPASKSLGA
QPSEEEEEEGAEEEERG HDSELSEEFEDLGTEASLLPGVPGEGEEPLSQVPQLLLEPAAWDRDGEDSGFADEEESGEEGEEDEEEEGREP
GHWGPAPSVGSLPAL SGPQGGHLESETVGVSPWDDGPRGAAADAPVTALETESQNSTEASGSEEEESDAAPLETEDQVPGPLGTLGSGVE.

MO-AB-32 Mono					Unconjugated; also available for	100
090H	clonal	Soybean (<i>Glycine max</i>)		WB, ELISA	Biotin; HRP; FITC and other label	µg
					ed form.	

Protein Refseq: The length of the protein is 534 amino acids long.

The sequence is show below: MDNIYIKQALVLKEVKHVFQKLIGEDPMESMYMVDTIQRLGIEHHFEEEEIAALQKQHLIFSSHLSDFANNHKLCEV
ALPFRLLRQRGHY VLADVFDNLKSNKKEFREKHGEDVKGLISLYEATQLGIEGEDSLDDAGYLCHQLLHAWLTRHEEHNEAMYVAKTLQHPLHYD
LSRFRDDT SILLNDFKTKREWECLEELAEINSSIVRFVNQNEITQVYKWWKDLGLNNEVKFARYQPLKWYMWPMACFTDPRFSEQRIELTKPISLV
YI IDDIFDVYGTLDQLTLFTDAIKRWELASTEQLPDFMKMCLRVLYEITNDAEKICKKHGFNPIETLKRSWVRLLNAFLEEAHWLNSGHLP RSAEY

Sub Cat	Clon ality	Species Reactivity	Applicatio n	Clone Conjugate	Siz e
LNNGIVSTGVHVVLVHSFFFLMDYSINNEIVAIVDNVPQIIHSVAKILRLSDDLEGAKSEDQNGLDGSIIDCYMNEHQDVSAGDAQ RHVAHLISCEWK RLNREILTQNQLPSSFTNFCLNAARMVPLMYHYRSNPGLSTLQEHVKLLSNNAVAGAERHVVHILCLQFVIE.					
MO-DKB- 00600W	Polycl onal	Human (<i>Homo sapiens</i>), Mouse (<i>Mus musculus</i>), Rat (<i>Rattus norvegicus</i>), Pig (<i>Sus scrofa</i>), Rabbit (<i>Oryctolagus cuniculus</i>), Rhesus (<i>Macaca mulatta</i>)	WB, ELISA, IHC, IHC-P	Unconjugated	100 µg



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.