

AibGenesis™ Mouse Anti-Mag Antibody (CBMOAB-23402FYA)

Cat. No.: CBMOAB-23402FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO23402FYA
Specificity	This antibody binds to fruit fly Mag.
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	The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is thought to be involved in the process of myelination. It is a lectin that binds to sialylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. (From NCBI)
Product Overview	Mouse Anti-D. melanogaster Mag Antibody is a mouse antibody against Mag. It can be used for Mag detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 399 amino acids long. The sequence is shown below: MNPIFCALLFSLVAGLVLAEKSDYCLSEIVKSDERIRSHGYPTETHEVTTQDGYVLTFLR IPYSHKLKNQNEKRPPILLQHGLFSNSDCWLSSGPDNSLAYLLADAGYDVWLGNARGNIY SRNN

IIISLNSHKFWHFDWHEIGTIDIPAMIDYILADTGFDQIHAGHSQGTTVYLVMLS ERPEYNALIKSGHLLAPCA
 FFEHGTSFIFNALGPLVGTGGIWNQLLDTELIPNNNLVN RLVDNSCHLSNTICNNAFIMFANGGYVNANA
 SSMSVLIETHPAGSSSNQGIHYLQLWKSL KFRQYDWGTTKNNELYGQDLPPDYDLISKIVAPTHLYSSTNDA
 LCGPEDVNTLVENFPHLT EDYRVPVQSFNHLDFIIAKNMKELVNDPIIERINSYEGR.

Sub Cat	Clonalit y	Species	Reactivity	Applicati on	Clone	Conjugate	Size
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CBMOAB-36166	Monoclonal	A. thaliana (<i>Arabidopsis thaliana</i>)	WB, ELISA	MO36166F	Unconjugated; also available for Biotin; HRP; FITC and o 100 µg
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Protein Refseq: The length of the protein is 254 amino acids long. The sequence is show below: MKTPARRSKRVNQEESETNVTRVVLTRK
 TNCSKTRAARVRPDYPLTRTTSESEMKLMPPEFFQIDALDLAPRLLGKFMRRDNVLRIT EVEAYRPNDSACHGRFGVTPRTAPVFGPGGHAYV
 YLCYGLHMMNLIVADKEGVGA AVLIRSCSPVSGMETIQERRGLKTDKPVLLNGPGK VGQALGLSTEWSHHPLYSPGGLELLDGGEDVEKVMVG
 PRVGIDYALPEHVNALWRFVAVADTPWISAPKNTLKPL.

CBMOAB-49442	Monoclonal	Rhesus (<i>Macaca mulatta</i>)	WB, ELISA	MO49442F	Unconjugated; also available for Biotin; HRP; FITC and o 100 µg
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Protein Refseq: The length of the protein is 626 amino acids long.

The sequence is show below: MIFLTALPLFWIMISASRGGHWGAWMPSSISAFEGTCVSIPCRFDFPDELRTVVHGVWYFNSPYPKNYPPVVF
 SRTQVVHESFQGRSR LLGDLGLRNCTLLLSNVPELGGKYYFRGDLGGYNQYTFSEHSVLDIINTPNIVVPPEVVAGTEVEVSCMVPDNCPELRP
 ELSWLGHGELGEPVAVLGRLEDEGTWVQVSLHFVPTREANGHRLGCQASFPNTTLQFEGYASLDVKYPPVIVEMNSSVEAIEGSHVSLLCGAD
 SNPPPL LTWMRDGTVLREAVAESLLLEEEVTPAEDGVYACLAENAYGQDNRTVGLSVMYAPWKPTVNGTMVAVEGETVSILCSTQSNPDILTIF
 KEKQILATVIYESELQLELPAVSPEDDGEYWCVAENQYQQRATAFNLSVEFAPVLLLESHCAAARDTVQCLCVKSNPEPSVAFELPSRN VTVNES
 EREFVYSERSGLVLTSILTLRGQAQAPPRVICTARNLYGAKSLELFPQGAHRLMWAKIGPVGAVVAFAILIAIVCYITQTRRK NVTESPSFSAGDSP
 AVLFSSDFRISGAPEKYESERRLGSERRLLGLRGEPELDLSYSHSDLGKRPTKDSYTLTEELAEYAEIRVK.

CBMOAB-85739	Monoclonal	Zebrafish (<i>Danio rerio</i>)	WB, ELISA	MO85739F	Unconjugated; also available for Biotin; HRP; FITC and o 100 µg
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Protein Refseq: The length of the protein is 653 amino acids long.

The sequence is show below: MKGLELLLLPLLLLLKDASAQWNVWMPRDISAMTNSCVIPCSFTYPSGIRPYRGVHGIWYFGHPYPQLFPPVVL
 KSRTDIVHESYKGRT KLLGDLTQKNCTLLISNIGVEHSGKYYFRADLGGANIYTFPDFTKLQVLDQPNIDVPEEIVSDQSLDLTCYVPDNCPPDMSPE
 IHWMYTDY LPDPVFTPDQVEEGNTAVLSSTLTFTPKPMHNGQLLGCRVNFNNTTYVYERLITDIRYAPRTVWVNSQEVMEGSSVVLHCDVDS
 NPAP MITWYFGDKELMSETASNSSLSLENLTPEQEGVYTCVGDNGYGNMNTSMYLAVNYPREPWINESLTVLEGSSVSLQCTSKGNPMPTLT
 W LKDGEVLGTITAEEGSVLELHEIMPQADGVYRCLAENEHGRASSLNITVEFAPVLLDDSKCTIVREGVQCVCIASGNPEPAIEFYLPDL NVTINN

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
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SNNRFNYTHSDGYTSTGVIKLQDKGERGNNGDTAVHVHCSITNIYGSETIRLELQKEKKYMMAVIVGTIGGVAVIAFIIAAVR YVGQNNKKENGNP
GQDVGSKVENPSMFYSYAVKKDKQSLRKKVLKTELLGSKFNSILEEGTGDDSDYQSVGPMAGMERQELNYAALEFLHG RHREGVFRADGDGS
DYTEIKAK.

MO-AB-04224W	Monoclonal	Rhesus (<i>Macaca mulatta</i>)	WB, ELISA	MO04224W	Unconjugated; also available for Biotin; HRP; FITC and o 100 µg ther labeled form.	g
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Protein Refseq: The length of the protein is 626 amino acids long.

The sequence is show below: MIFLTALPLFWIMISASRGGHWGAWMPSSISAFEGTCVSIPCRFDFPDELRAVHVGVWYFNSPYPKNYPPVVK
SRTQVVHESFQGRSR LLGDLGLRNCTLLLSNVSPELGGKYFRGDLGGYNQYTFSEHSVLDIINTPNIVVPPEVVAGTEVEVSCMVPDNCPELRP
ELSWLGHEGL GEPAVLGRLREDEGTWVQVSLHFVPTREANGHRLGCQASFPNTTLQFEGYASLDVKYPPVIVEMNSSVEAIEGSHVSLCGAD
SNPPPL LTWMRDGTVLREAVAESLLEEEVTPAEDGVYACLAENAYGQDNRTVGLSVMYAPWKPTVNGTMVAVEGETVSILCSTQSNPDILTIF
KEKQILATVIYESELQLELPAVSPEDDGEYWCVAENQYQQRATAFNLSVEFAPVLLLESHCAAARDTVQCLCVKSNPEPSVAFELPSRN VTVNES
EREFVYSERSGLVLTSILTRGQAQAPPRVICTARNLYGAKSLELPFQGAHRLMWAKIGPVGAVVAFAILIAIVCYITQTRRK NVTESPSFSAGDSP
AVLFSSDFRISGAPEKYESERRLGSERRLLGLRGEPELDLSYSHSDLGKRPTKDSYTLTEELAEYAEIRVK.

MO-AB-15246R	Monoclonal	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO15246R	Unconjugated; also available for Biotin; HRP; FITC and o 100 µg ther labeled form.	g
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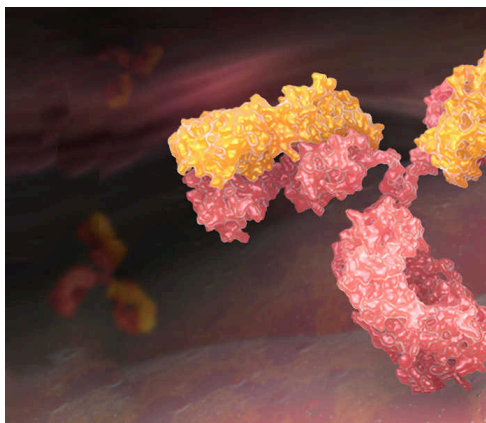
Protein Refseq: The length of the protein is 626 amino acids long.

The sequence is show below: MIFLTALPLFWIMISASRGGHWGAWMPSSISAFEGTCVSIPCRFDFPDELRAVHVGVWYFNSPYPKNYPPVVK
SRTQVVHESFQGRSR LLGDLGLRNCTLLLSNLSPELGGKYFRGDLGGYNQYTFSEHSVLDIINTPSIVVPPEVVAGTEVEVSCMVPDNCPELHP
ELSWLGHEGL GEPAVLGRLREDEGTWVQVSLHFVPTREANGHRLGCQASFPNTSLQFEGYASLNVKYPVIVEVNSSVEAIEGS.

MO-AB-58542W	Monoclonal	Marmoset	WB, ELISA	MO58542W	Unconjugated; also available for Biotin; HRP; FITC and o 100 µg ther labeled form.	g
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Protein Refseq: The length of the protein is 626 amino acids long.

The sequence is show below: MIFLTALPLFWIMISASRGGHWGAWMPSSISAFEGTCVSIPCRFDFPDELRAVHVGVWYFNSPYPKNYPPVVK
SRTQVVHESFQGRSR LLGDLGLRNCTLLSSLSPELGGKYFRGDLGGYNQYTFSEHSVLDIINTPNIVVPSEVVAGTEVEVSCMVPDNCPELRP
ELSWLGHEGL GEPAVLGRLREDEGTWVQVSLHFVPTREANGHRLGCQASFPNTTLQFESYASLDVKYPPVIVEMNSSVEAIEGSHVSLCGAD
SNPPPL LTWMRDGTVLREAVAESLLEEEVTPAEDGVYACLAENAYGQDNRTVELSVMYAPWKPTVNGTVVAVEGETVSILCSTQSNPDILTIF
KEKQILATVIYESELQLELPAVSPEDDGEYWCVAENQYQQRATAFNLSVEFAPVLLLESHCAAARDTVQCLCVKSNPEPSVAFELPSRN VTVNES
EREFVYSERSGLVLTSILTRGQAQAPPRVICTARNLYGAKSLELPFQGAHRLMWAKIGPVGAVVTFAILIAIVCYITQTRRK NVTESPSFSAGDNP
PVLFSDFRISGAPEKYESERRLGSERRLLGLRGEPELDLSYSHSDLGKRPTKDSYTLTEELAEYAEIRVK.



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.