

AibGenesis™ Mouse Anti-AIMP2 Antibody (CBMOAB-35394FYA)

Cat. No.: CBMOAB-35394FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO35394FYA
Specificity	This antibody binds to Rhesus AIMP2.
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 part of the aminoacyl-tRNA synthetase complex, which contains nine different aminoacyl-tRNA synthetases and three non-enzymatic factors. The encoded protein is one of the non-enzymatic factors and is required for assembly and stability of the complex. (From NCBI)
Product Overview	Mouse Anti-Rhesus AIMP2 Antibody is a mouse antibody against AIMP2. It can be used for AIMP2 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 303 amino acids long. The sequence is show below: XVELPTCMYRLPNVHCRSGGPAPGAGHVQEEASNPSLQALESRQDDILKRL YELKAAVDGL SKMIQTPDADLDAINIIQADEPMTLTNNVLDLNSVLGKDYGALKDIVINANPASPLSLL VLHR LLCEHFRVLSTVHTHSSVKSPENLLKCFGEQNKQPRQEYQLGFTLIWKNVPKTQ MKFSVQTMCPIEGE

GDIAFLFLSLFGQKHNAVNATIDSWVDIAIFQLKEGSSKEKAAVFR SMNSALGKSPWLAGNELTVADVVLWS
VLQQTGGCSVTPANVQRWMRSCENLAPFNTALK LLK.

Sub Cat	Clonal ity	Species Reactivity	Applica tion	Clone	Conjugate	Size
CBMOAB-65	Monocl	Zebrafish (<i>Danio rerio</i>)	WB, ELIS MO65332Unconjugated; also available for Biotin; HRP; 100			µg
332FYA	onal		A	FYA	FITC and other labeled form.	

Protein Refseq: The length of the protein is 321 amino acids long.

The sequence is show below: MPMYQVKPVSPADITVDLPTCMYKLPNVHAQGASLGEHALQNGEVDPTVKALEERQDEILRKLYELKATVDGLAK
TVTTPDADLDASTLA HTLHTPADAVLRGTADLDDLKGDLGALRDIVINANPAQPPLSLLVLHALLCQRFQVLSSVHVHSSVSTVPAPLLSCLGPR
HTHSYARH RFQLGFTLIWKDVSKLQMKFSTQNMCPIEGEGNVARFLYRLLGAEPDRPVSATLMDGWVDTALFQLAEGGSKERA AVLRALNAALG
RSPW LLGQEFSLADIVSACCVLQTGQTSSAPANVQRWLKSCQNLGYFSCVDPLLQ.

MO-AB-0131	Monocl	Frog (<i>Xenopus laevis</i>)	WB, ELIS MO01315Unconjugated; also available for Biotin; HRP; 100			µg
5H	onal		A	C	FITC and other labeled form.	

Protein Refseq: The length of the protein is 311 amino acids long.

The sequence is show below: MPMYRMQPYCGGEIQVDLPTCMYRLPNVHRATAENHEQAADPAIQALESRQEDILKRLYELKAAVDGLSKMIQTP
DADLDVTDIIQADEQ SATGSVVADLDVVLGNDYGALRDIVINANPSLAPLSLLILHSLLCERYQVLSAVHTHSSITSIPEPLKCFGDQLKMKPRHEY
QLGFTLI WKDVPKPQMKFSIQNMCPIEGEGNIGRFLFSLGTYFNAVNATLIDGWVDTAIFQLREGSSKEKAAVLKAMNTALGKSPWLVGNETVA
D IVSWCAVQQCGNSTAVPPNVQKWMKSCENLASFKSVLRFLK.

MO-AB-0209	Monocl	Fruit fly (<i>Drosophila melanogaster</i>)	WB, ELIS MO02096Unconjugated; also available for Biotin; HRP; 100			µg
6W	onal		A	W	FITC and other labeled form.	

Protein Refseq: The length of the protein is 334 amino acids long.

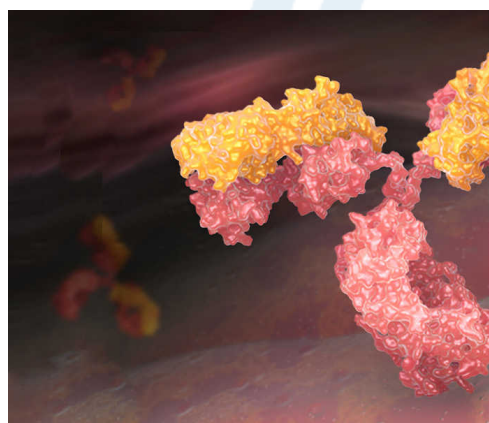
The sequence is show below: MYELKTLLPQFDIKLPTCMYPLKNVSLAADSLASGSSTSASTSSCKLEANRIDRTGRNAATCALDLSLGRQ
IQRLKDDTASVAA RQEKVLKQLEELKAQLGQIRAGLGVCCKTFQHTTAFQNGGLKEVPLQDVVINGHPNFIPYALLALKNAWRNLYTIDVKFTTHS
TMADIGP AAREFEANLAKVPVNPALPKISVTLIWKNCEHTEMISPTMYVPIYGEVNIIRYLGRVGPAEYRYEGSPLCNEIDLVLDCYQLLRNTH K
TQVAMVRLLDKRLKQKQYFGGSQMSVADVGVSLSLIRMPAVTEKDLTPALVAWRKRAKLVVQI.

MO-AB-0716	Monocl	Cattle (<i>Bos taurus</i>)	WB, ELIS MO07168Unconjugated; also available for Biotin; HRP; 100			µg
8R	onal		A	R	FITC and other labeled form.	

Protein Refseq: The length of the protein is 320 amino acids long.

The sequence is show below: MPMYQVKPYHEGSGSLRVELPTCMYRLPNVHGRTGSPAPSADHVQEASDPSLQALESHQDDILKRLYELKAAVD

Sub Cat	Clonal ity	Species Reactivity	Applica tion	Clone	Conjugate	Size
GLSKMIQTPDADLDT NIIQADEPAALSTSTVDLNAMLGQDHGALKDIVINANPASPLSLLVLHRLLCDHYKVLSSVHTSAVRSVPANLLQCFGE QTRQQPRHE YQLGFTLIWKDVPKTQMKFSVQTMCPIEGEGNIARFLFSLFGQKQDAVNLTIDSWVDIAIFQLKEGSSKEKAAV.						
MO-AB-4292	Monocl	Hamsters (<i>Cricetinae</i>)	WB, ELIS MO42929Unconjugated; also available for Biotin; HRP;		FITC and other labeled form.	100
9W	onal		A	W		µg
Protein Refseq: The length of the protein is320 amino acids long. The sequence is show below: MPMYQVKSYHGG SAPLRVELPTCMYRLPNVHSKTTSPATDAGHVQETSEPSLQALESRQDDILKRLYELKAAVD GLSKMIHTPDADLDT NILQADEPVPLTTNALDLNLVLGKDYGALKDIVINANPASPPISLLVLHRLLCERYRVLSTVHTHSSVKNVPENLLKCFGEQ ARKQSRHE YQLGFTLIWKNVPKTQMKFSVQTMCPIEGEGNIARFLFSLFGQKHS AVNLTLIDSWVDIAMFQLKEGSSKERA AVFRSMNSALGKSP WLW GNELTVADVVLWSVLQQTGDGSGVAPANVQRWLKSCENLVPFSTALQLLK.						
MO-AB-5062	Monocl	Marmoset	WB, ELIS MO50628Unconjugated; also available for Biotin; HRP;		FITC and other labeled form.	100
8W	onal		A	W		µg
Protein Refseq: The length of the protein is 320 amino acids long. The sequence is show below: MPMYQVKPYHGGGAPLRVELPTCMYRLPNLHSRTGGSAPGAGHVQEEPNSLQALESRQDDILKRLYELKAAV DGLSKMIQTPDADLDT NIIQADEPTTLTTNALDLNSVLGKDYGALKDIVINANPASPLSLLVLHRLLC EHFRVLATVHMHSSVKSVPENLLKCFGE QNLKQPRQD YQLGFTLIWKNVPKTQMKFSVQTMCPIEGEGNIARFLFSLFGQKHNAVNLTLIDSWVDIAIFQLKEGSSKEKAAVFRSMNSALGKS PWLA GNELTVADVVLWSVLQQTGGCSVTVPANVQRWMRSCENLAPFNTALKLLK.						
MO-DKB-009	Polyclo	Human (<i>Homo sapiens</i>), Primat, Primat-Orangut	WB	Unconjugated		100
37W	nal	an, Rhesus (<i>Macaca mulatta</i>)				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.