

AibGenesis™ Mouse Anti-ATG9A Antibody (CBMOAB-36506FYA)

Cat. No.: CBMOAB-36506FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO36506FYA
Specificity	This antibody binds to Rhesus ATG9A.
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	Golgi apparatus; Other locations

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-Rhesus ATG9A Antibody is a mouse antibody against ATG9A. It can be used for ATG9A detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
-------------------------	--

Protein Refseq	The length of the protein is 839 amino acids long. The sequence is shown below: MAQFDTEYQRLEASYSPPGEEDLLVHVAEGSKSPWHHIENLDLFFSRIS FLECKNGFT CMLIGEIFELMQFLFVVAFTTFLVSCVDYDILFANKMVNHS LHPTVPKVTLPDAFLPAQ VCS ARIQENGSLITILFIAGVFWIHRLIKFIYNICCYWEIHSFYLHALRIPMSALPYCTW QEVQARIVQTQKEHQICIH KRELTELDIYHRILRFQNYMVALVNKSLPLRFRPLGGEA VFFTRGLKYNFELILFWGPGSLFLNEWSLKAE YKRGQRLELAQRLSNRILWIGIANFLL CPLILWQILYAFFSYAEVLKREPGALGARCWSLYGRCYLRHFNE
-----------------------	---

LEHELQSRLNRGYKP ASKYMNCFLSPLLTLAKNGAFFAGSILAVLIALTIEDVLAHEHVLTTVTLLGVTVT
V CRSFIPDQHMVFCPEQLLRVILAHYMPDHWQGNHRSQTRDEFAQLFQYKAVFILEEL LSPVITPLILIF
CLRPRALEIIDFFRNFTVEVVGVDTCFAQMDVRQHGHPQWLSAGQT EASVYQQAEDGKTELSLMHFAI
TNPGWQPPRESTAFLGFLKEQVQRDGAASLAQGGLLP ENALFTSIQSLQSESEPLSLIANVVAGSSCRGP
PLPRDLQGSRRHRAEVASALRSFSPLQP VQAPTGRAHSTMTGSGVDARTASSGSSVWEGQLQSLMLSEYA
STEMSLHALYMHQLHKQQ AQAEPERHVWHRRESDESGESAPDEGGEGARAPQSIPRSASYPCAAPRPG
APETTALHGG FQRRYGGITDPGTVPRAPSHFSRLPLGGWAEDGQSASRHPEPVPEEGSEDELPPQVHKV.

Sub Cat	Clonality	Species	Reactivity	Application	Clone	Conjugate	Size
CBMOAB						Unconjugated; also available fo	
-66931FY	Mono	Zebrafish (<i>Danio rerio</i>)		WB, ELISA	MO669	r Biotin; HRP; FITC and other I	100
A	clonal				31FYA	abeled form.	µg

Protein Refseq: The length of the protein is 846 amino acids long.

The sequence is show below: MAHFDTEYQRLEASYSPPGEEENLLVHVPEGSKSPWHHIENLDLFFQRVYNLHQKNGFTCMLLGEIFELVQLVF
VVAFTVFLANCVDYD ILFANKFVNHTDSLKVTLPD AFLPVDVCSARIRDSVPVIFILVISGVFWLHRLVKFIYNICCYWEIRSFYINALKISMADLPYFT
WQEVQ ARIVEIQKEHQICHHKELSELDIYHRILRFKNYVMAMVNKSLLPVRFRLPVLGDTVYTRGLKYNFELIFFWGPGLSFENEWSLKSEYK R
GGNRLELADRLSSRILWIGIANLLCPVILIWQILYAFFSYTEVIKREPGSLGARCWSLYGRFYLRHFNELDHELMSRLSKGYKASSKY MNCFMSPL
LTVVAKNVAFFAGSILAVLIALTIEDVLAHEHVLSSITLLGVCITVCRSFIPDKHMFVCPEQLLKVILAHYMPDHWQG NAHRYETRDEFAQLFQY
KAVFILEELLSPVITPFILIFCLRRKSLEIIDFFRNFTVDVVGVDTCFAQMDVRQHGHPAWMSAGKTEASI YQQAEDGKTELSLMHFAITNPHWQ
PPRESTHFISLLKEKVHRDAAVGQQGIIAENAGFTSTHSLHNDSEPRSLIANLLMGPPSLASLHLG REGSINHVSIGVSEGASALRSLSPVSTSLHL
RGSYPSARLPRSDHPAVVAGRGMAGSGTDARTISSGSSAWEGQLTSMILSEYASTEMSI HALYMHMHKQQSRGELSRTWHRQESDESSSES
VNEDVEAARNFPRSSTFPCTTTSHQEGAAAQQSGSQRRQGGTSDPSSGSFRVQRTPR MAMGGWSEENQTSRHHDPVPEEGSEDELPPHIIHK
VT.

MO-AB-0	Mono					Unconjugated; also available fo	
7759R	clonal	Cattle (<i>Bos taurus</i>)		WB, ELISA	MO077	r Biotin; HRP; FITC and other I	100
					59R	abeled form.	µg

Protein Refseq: The length of the protein is 839 amino acids long.

The sequence is show below: MAQFDTEYQRLEASYSPPGEEEDLLVHVPEGSKSPWHHIENLDLFFSRVYNLHQKNGFTCMLIGEIFELMQFLF
VVAFTTFLVSCVDYD ILFANKMVNHS LHPTPEVKVTLPD AFLPAQVCSARIQENGLITILVIAGVFWVHRLIKFIYNICCYWEIHSFYLHALRIPMSAL
PYCTW QEVQARIVQTQKEHQICHHKRELTELDIYHRILRFQNYMVALVNKSLPLRFRLPGLGEVVFTRGLKYNFELIL.

MO-AB-1	Mono	Chimpanzee (<i>Pan troglodytes</i>)		WB, ELISA	MO131	Unconjugated; also available fo	100
3165W	clonal				65W	r Biotin; HRP; FITC and other I	µg

Sub Cat	Clon ality	Species Reactivity	Application	Clone Conjugate	Siz e
---------	---------------	--------------------	-------------	-----------------	----------

abeled form.

Protein Refseq: The length of the protein is 839 amino acids long.

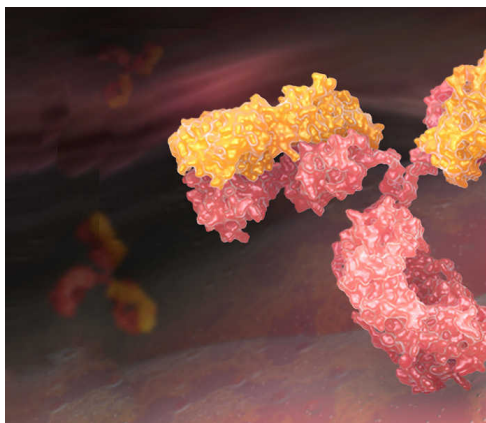
The sequence is show below: MAQFDTEYQRLEASYSDSPGGEEDLLVHVAEGSKSPWHHIENLDLFFSRVYNLHQKNGFTCMLIGEIFELMQFLF
VVAFTTFLVSCVDYD ILFANKMVNHS LHPTPEVKVTL PDAFLPAQVCSARIQENGLITILVIAGVFWIHRLIKFIYNICCYWEIHSFYLHALRIPMSAL
PYCTW QEVQARIVQTQKEHQICIHKRELTELDIYHRILRFQNYMVALVNKSLPLRFRPLPGLGEAVFFTRGLKYNFELILFWGPGSLFLNEWSLK AE
YKRGGQRLELAQRLSNRILWIGIANFLLCPLILIWQILYAFFSYAEVLKREPGALGARCWSLYGRCYLRFHNELEHELQSRLNRGYKP ASKYMNCFL
SPLLTLLAKNGAFAFAGSILAVLIALTIEDVLAVEHVLTTVTLLGVTVTVCRSFIPDQHMVFCPEQLLRVILAHIHYPMD HWQGNNAHRSQTRDEFAQ
LFQYKAVFILEELLSPIVTPLILIFCLRPRALEIIDFFRNFTVEVVGVDTCFAQMDVRQHGHPQWLSAGQT EASVYQQAEDGKTELSLMHFAITN
PGWQPPRESTAFLGFLKEQVQRDGAASLAQGGLLPENALFTSIQSLQSESEPLSIANVVAGSSC RGPPLPRDLQGSRHRAEVASALRSFSPL
QPGQAPTGRAHSTMTGSGVDARTASSGSSVWEGQLQSLVLSEYASTEMSLHALYMHQLHKQQ AQAEPERHVWHRRSEDESAGESAPDEGGE
GARAPQSIPRSASYPCAAPRPGAPETTALHGGFQRRYGGITDPGTVPRALSHFSRLPLGGWA EDGQSASRHPEPVPEEGSEDELPPQVHKV.

MO-AB-5 Mono			Unconjugated; also available fo	100
1476W	Marmoset	WB, ELISA	MO514 r Biotin; HRP; FITC and other l	µg
	clonal		76W abeled form.	

Protein Refseq: The length of the protein is 839 amino acids long.

The sequence is show below: MAQFDTEYQRLEASYSDSPGGEEDLLVHVAEGSKSPWHHIENLDLFFSRVYNLHQKNGFTCMLIGEIFELMQFLF
VVAFTTFLVSCVDYD ILFANKMVNHS LHPTPEVKVTL PDAFLPAQVCSARIQENGLITILVIAGVFWIHRLIKFIYNICCYWEIHSFYLHALRIPMSAL
PYCTW QEVQARIVQTQKEHQICIHKRELTELDIYHRILRFQNYMVALVNKSLPLRFRPLPGLGEVFFTRGLKYNFELILFWGPGSLFLNEWSLK A
EYKRGGQRLELAQRLSNRILWIGIANFLLCPLILIWQILYAFFSYAEVLKREPGALGARCWSLYGRCYLRFHNELEHELQSRLNRGYKP ASKYMNC
FLSPLLTLLAKNGAFAFAGSILAVLIALTIEDVLAVEHVLTTVTLLGVTVTVCRSFIPDQHMVFCPEQLLRVILAHIHYPMD HWQGNNAHRSQTRDEF
AQLFQYKAVFILEELLSPIVTPLILIFCLRPRALEIIDFFRNFTVEVVGVDTCFAQMDVRQHGHPQWLSAGQT EASVYQQAEDGKTELSLMHFAI
TNPGWQPPRESTAFLGFLKEQVQRDGAASLAQGGLLPENALFTSIQSLQSESEPLSIANVVAGSSC RGPPLPRDLQGSRHRAEVASALRSFS
PLQSGQVPTGRAPSTMTGSGVDARTASSGSSVWEGQLQSLVLSEYASTEMSLHALYMHQLHKQQ AQAEPERHVWHRRSEDESAGESAPEEGG
EGARAPQSIPRSASYPCAAPRPGAPETTALHGGFHRRYGGITDPGTVPRAPSHFSRLPLGGWA EDGQSASRHPEPVPEEGSEDELPPQVHKV.

MO-DKB- Polycl	Human (<i>Homo sapiens</i>), Mouse (<i>Mus musculus</i>), Rat (<i>Rattus norve</i>	WB, FC, IF, IH		100
00468W	gicus), Al, Bovine (<i>Bos taurus</i>), Chicken (<i>Gallus gallus</i>), Fruit fly (<i>Dr C</i> , IHC-Fr, IHC-		Unconjugated	µg
	onal <i>osophila melanogaster</i>), Primat	P, IP		



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.