

AibGenesis™ Mouse Anti-AGER Antibody (CBMOAB-35317FYA)

Cat. No.: CBMOAB-35317FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO35317FYA
Specificity	This antibody binds to Rhesus AGER.
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 advanced glycosylation end product (AGE) receptor encoded by this gene is a member of the immunoglobulin superfamily of cell surface receptors. It is a multiligand receptor, and besides AGE, interacts with other molecules implicated in homeostasis, development, and inflammation, and certain diseases, such as diabetes and Alzheimer's disease. Many alternatively spliced transcript variants encoding different isoforms, as well as non-protein-coding variants, have been described for this gene. (From NCBI)
Product Overview	Mouse Anti-Rhesus AGER Antibody is a mouse antibody against AGER. It can be used for AGER detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 365 amino acids long. The sequence is show below: MAAGAAVGAWVLVLSLWGAVVGAQNITARIGEPLVLKCKGAPKKPPQQLEW

KLDEGIFRC QAMNRNGKETKSNCRRVRYQIPGKPEIIDSASELTAGVPNKVGTCTVSEGSYPAGTLSWHL E
GKPLVPNEKGVSVKEETRRHPETGLFTLQSELMVTPARGGNPHPTFSCSFSPGLPRRRA LHTAPIQPRVW
EPVPLEEVQLVVEPEGGAVAPGGTVTLTCEVPAQSPQIHWKMDGVPLP LSPSPVLILPEIGLQDQGTYRC
VATHPSHGPQESRAVSISIIELGEEGPTAGSVGGSGPG TLALALGILGGLGTAALLIGVILWQRRRRRQGEERK
ASENQEEEEERAELNQSEEPEAGES STGGP.

Sub Cat	Clonality	Species	Reactivity	Application	Clone	Conjugate	Size
MO-AB-00975	Monoclonal	Rhesus (<i>Macaca mulatta</i>)	WB, ELISA	MO00975	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.		100 µg

Protein Refseq: The length of the protein is 403 amino acids long.

The sequence is show below: MAAGAAVGAWVLVLSLWGA VQAQNTARIGEPLVLKCKGAPKKPPQQLEWKLNTGRTEAWKVLSPQGGPWDS
VARVLPNGSLFLPAVGI QDEGIFRCQAMNRNGKETKSNYRVRVYQIPGKPEIIDSASELTAGVPNKVGTCTVSEGSYPAGTLSWHLDGKPLVPNEK
GVSVKEETRRHP ETGLFTLQSELMVTPARGGNPHPTFSCSFSPGLPRRWALHTAPIQPRVWEPVPLEEVQLVVEPEGGAVAPGGTVTLTCEVPA
QPSPQIHW MKDGVPLPLSPSPVLILPEIGPQDQGTYRCVATHPSHGPQESRAVSISIIEPGEEGPTAGSVGGSGPGTLALALGILGGLGTAALLIGV
ILWQRRRRRQGEERKASENQEEEECAELNQSEEPEAGESCTGGP.

MO-AB-07119 R	Monoclon al	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO07119	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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Protein Refseq: The length of the protein is 416 amino acids long.

The sequence is show below: MAAGAVVGAWMLVLSLGGTVTGDQNITARIGKPLVLNCKGAPKKPPQQLEWKLNTGRTEAWKVLSPQGDPWDS
VARVLPNGSLLLPAVGI QDEGTFRCRATSRSGKETKSNYRVRVYQIPGKPEIVDPASELMAGVPNKVGTCTVSEGGYPAGTLNWLLDGKTLIPDGK
GVSVKEETKRHP KTGLFTLHSELMVTPARGGALHPTFSCSFTPLPRRRALHTAPIQLRVWSEHRGGEGPNVDAVPLKEVQLVVEPE.

MO-AB-23608 R	Monoclon al	Pig (<i>Sus scrofa</i>)	WB, ELISA	MO23608	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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Protein Refseq: The length of the protein is 404 amino acids long.

The sequence is show below: MAAGTTAGVWVLVLSLWGVAVSDQNITARIGKPLVLNCKGAPKKPPQQLEWKLNTGRTEAWKVLTPQGGPWDSV
ARVLPNGSLLLPAVGI QDEGTFRCRATSRNGKETKSNYRVQVYQIPGKPDIVDPASELMAGVPNKVGTCTVSEGGYPAGTLSWHLDGKTLIPDGK
GVSVKEETRRHP ETGLFTLHSELMVTPAWGGAPQPTFSCSFSPSPRRRALHTAPIRPSVWEPVPLEEVQLVVEPAGGAVPPGGTVTLTCETSV
QPPPQIHW TKDGTPLPLSPSPVLLLPEVGPEDQGTYSVATHPSHGPQKSRAISISIIETGEEGPAAGSVEGPGLGTLALALGILGGLGTAALLVGV
IMWHRQRRRGQERKAPENQEEDEEERAELNQPEDPEAAESSAGAP.

MO-AB-23994 H	Monoclon al	Rat (<i>Rattus norvegicus</i>)	WB, ELISA	MO23994	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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Sub Cat	Clonalit y	Species Reactivity	Applicatio n	Clone	Conjugate	Size
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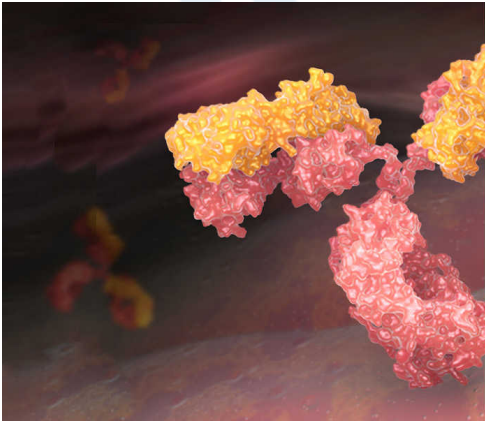
Protein Refseq: The length of the protein is 132 amino acids long.

The sequence is show below: MLSCKGAPRKPTQKLEWKLNTGRTEAWKVLSPQGDWDSVARILPNGSLLLPAIGIVDEGTFRCRATNRLGKEVK
SNYRVRVYRKGSRPW LSHFAFNKKPSFTASPSNPLDKRWHTPAPCPQPCAAPPWGRA.

MO-AB-28871	Monoclon	Dog (<i>Canis lupus famili</i> <i>aris</i>)	MO28871	Unconjugated; also available for Biotin; HRP; FITC and other	100 μ
W	al		WB, ELISA	W	g
				labeled form.	

Protein Refseq: The length of the protein is 396 amino acids long.

The sequence is show below: MEAGKQGSCHSSRSPQPGPSDGWWPHLSVSQVLSQRTCTVQALLCPQNTGRTEAWKVLSPQGGPWDSVARV
LPNGSLLLPVAVGIQDEGTF RCRATSRNGKETRSTYQVRVYQIPGKPEIINPASELMAGVPSKVGTCVSEGGYPAGTLSWHWDGKPLIPDGKGVSV
QEETRRHPETGLFT LQSELMVTPAQGGAPHPTFSCSFSPGLPRRRALHAAPIQLNVWESVPLEVQVMVEPGGMLAPGGTVTLTCETPAQSSVQI
HWIKDGMPLP LPPSPMLVLSEVKPEDQGTYSVAMHPSHGSQESRGVSVVIETDKEGPTTGYVEGQGLGTVALALGILGGLGIAVLLIGAIMWRR
RQRQR QERKAPENQEEEEEEERTELNQSEEPEAAESGAAGP.



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.