

AibGenesis™ Mouse Anti-ADCYAP1R1 Antibody (CBMOAB-35208FYA)

Cat. No.: CBMOAB-35208FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO35208FYA
Specificity	This antibody binds to Rhesus ADCYAP1R1.
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 type I adenylate cyclase activating polypeptide receptor, which is a membrane-associated protein and shares significant homology with members of the glucagon/secretin receptor family. This receptor mediates diverse biological actions of adenylate cyclase activating polypeptide 1 and is positively coupled to adenylate cyclase. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified. (From NCBI)
Product Overview	Mouse Anti-Rhesus ADCYAP1R1 Antibody is a mouse antibody against ADCYAP1R1. It can be used for ADCYAP1R1 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 466 amino acids long. The sequence is show below: MACVVQVSLAAVLLLPAMAMHSDCIFKKEQSMCLEKIQRANELMGFNDSS

PGERGSREP VTSPAHLAESPWGSCPEKQRPSSRLWVWETETIGESDFGDSNSLDLSDMGVVS RNCTED
 G WSEPFPHYFDACGFDEYESETGDQNYYYLSVKALYTVGYSTSLVTLTTAMVILCRFRKLH CTRNFIHMNL
 FVSFMLRAISVFIKDWILYAEQDSNHCFISTVECKAIMVFFHYCVVSNYF WLFIEGLYLFTLLVETFFPERRYF
 YWYTIIGWGTPTVCVTVWATLRLYFDDTGCDWMNDS TALWWVIKGPVVG SIMVNFVLFIGIIVLVQKLQSP
 DMGGNESSIYLRRLARSTLLIPLF GIHYTVFAFSPENVSKRERLVFELGLGSFQGFVAVLYCFLNGEVQAEI
 KRKWRWSWKVNR YFAVDFKHRHPSLASSGVNGGTQLSILSKSSSQIRMSGLPADNLAT.

Sub Cat	Clonality	Species	Reactivity	Application	Clone Conjugate	Size
MO-AB-00	Monoclonal	Rhesus (<i>Macaca mulatta</i>)		WB, ELI MO009	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 414 amino acids long.

The sequence is show below: MACVVQVSLAAVLLLPMAPAMHSDCIFKKEQSMCLEKIQRANELMGFNESSPGCPGMWDNITCWKPAHV GEMV
 LVSCPELFRIFNPDRVW ETETIGESDFGDSNSLDLSDMGVVS RNCTEDGWSEPFPHYFDACGFDEYESETGDQNYYYLSVKALYTVGYSTSLV
 TTTAMVILCRFRK LHCTRNFIHMNL FVSFMLRAISVFIKDWILYAEQDSNHCFISTVECKAIMVFFHYCVVSNYFWLFIEGLYLFTLLVETFFPERRYF
 YWYT IIGWGTPTVCVTVWATLRLYFDDTGCDWMNDSTALWWVIKGPVVG SIMVNFVLFIGIIVLVQKLQSPDMGGNESSIYLRRLARSTLLIPLF LFGI
 HYTVFAFSPENVSKRERLVFELGLGSFQGFVAVLYCFLNGEVQAEIKRK.

MO-AB-01	Monoclonal	Frog (<i>Xenopus laevis</i>)		WB, ELI MO012	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 465 amino acids long.

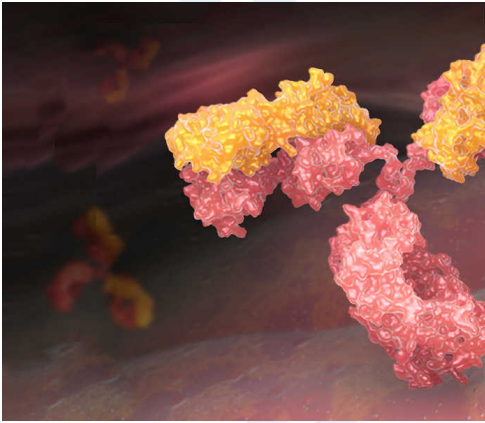
The sequence is show below: MAITIRIFLLLGFMASQVASMHPYCIKKEEEACLEKIQRYEIE MWNDTQSGCPGMWDNITCWMPEVGVVSVRC
 PALFSMIGSEDEMD FVDRSLGWSPENIEEQQSEGTIKRNCTENGWSEPFPHYSEACDFDINETGPDQD TYYSVKALYTVGYSTSLVALTTAMVIL
 CRFRKLHC TRNFIHMNL FVSFILRAISVFIKDEVLYAEQDNNHCHLSTVECKVVMVFFHYCVMSNYFWLFIEGLYLFTLLVETFFPERRYFYWYTIIG
 WGTPLICVTIWA VRLRHFDNLGCWDTNNNTGLWWVIKGPVIGSIMINFLVFGIIILVQKLQSPDIGGNESSIYLRRLARSTLLIPLFG IHYTVFAFSPE
 NVSKRERLVFELGLGSFQGFVAILY CFLNGEVQSEIKRKWRWSWKVNR YFAVDFKHRHPSLASSGVNGGTQLSILSKSS SQIRMSSINAENLGT.

MO-AB-07	Monoclonal	Cattle (<i>Bos taurus</i>)		WB, ELI MO070	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 513 amino acids long.

The sequence is show below: MRGGRHWPEPPCRLRSVMASIAQVSLAALLLLPMATAMHSDCIFKKEQAMCLEKIQRVNDLMGLNDSSPGCPG
 MWDNITCWKPAHV GEMV LVSCPELFRIFNPQVWETETIGEF GFADSKSLDSDMRVVS RNCTEDGWSEPFPHYFDACGFEEYESETGDQDYY
 YLSVKALYTVGYST SLVTLTTAMVILCRFRKLHCTRNFIHMNL FVSFMLRAISVFIKDWILYAEQDSNHCFVSTVECKAVMVFFHYCVV.

Sub Cat	Clona lity	Species	Reactivity	Applic ation	Clone Conjugate	Siz e
MO-AB-50480W	Monoclonal	Marmoset		WB, ELISA	MO504 Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 496 amino acids long. The sequence is show below: MVGVVQVSLAALLLLPMAPAMHSDCIFKKEQAMCLEKIQRANELMGFNDSSPGCPGMWDNITCWKPAHVGMV LVSCPELFRIFNPDQVW ETETIGESDFGDSNSLDLSDMGVVS RNCTEDGWSEPFPHYFDACGFDEYESETGDQDYIYLSVKALYTVGYSTSLVT LTTAMVILCRFRK LHCTRNFHIMNLFVSFMLRAISVFIKDWILYAEQDSNHCFVSTVECKAVMVFFHYCVVSNYFWLFIEGLYFTLLVETFFPERRY FYWYT IIGWGTPTVCVTVWATLRLRYFDDTGCDWMNDSTALWWVIKGPVVG SIMVNFVLFIGIIVLVQKLQSPDMGGNESSIYFSCVQKCYCKPQ RAQQHSCKMSELSTITLRLARSTLLLIPLFGIHYTVFAFSPENVSKRERLVFELGLGSFGQGFVAVLYCFLNGEVQAEIKRKWRSWKVNR YFAVDF KHRHPSLASSGVNGGTQLSILSKSSSQIRMSGLPADNLAT.						
MO-DKB-03352W	Polyclonal	Human (<i>Homo sapiens</i>), Dog (<i>Canis lupus familiaris</i>), Chicken (<i>Gallus gallus</i>), Primate, Frog (<i>Xenopus</i>), Zebrafish (<i>Danio rerio</i>)		IHC, IHA	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.