

AibGenesis™ Mouse Anti-ADSS Antibody (MO-AB-00021L)

Cat. No.: MO-AB-00021L

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO00021L
Specificity	This antibody binds to Elephant ADSS.
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	Plasma membrane; Cytosol; 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

Introduction	Plays an important role in the de novo pathway and in the salvage pathway of purine nucleotide biosynthesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP. (From uniprot, under CC BY 4.0)
Product Overview	This product is a mouse antibody against ADSS. It can be used for ADSS detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 398 amino acids long. The sequence is show below: QGGNNAGHTVVVDSVEYDFHLLPSGIINPNVTAFIGNGVVIHLPGLFEEAEKNVQKGKGL EGWEKRLIISDRAHIVDFHQAADGIQEQQRQEQAGKNLGTTKKGIGPVYSSKAARSLR MCDLVSDFDGFSERFKVLANQYKSIYPTLEIDIEGELQKLK

GYMERIRPMVRDGVYFLYE ALHGPPKKILVEGANAALLDIDFGTYPFVTSSNCTVGGVCTGLGMPPQNVGE
VYGVVKAY TTRVGIGAFPTQKNETGELLQTRGREFGVTTGRKRRCGWLDLVSLKYVHMGFTAIRL ALT
KLDILDVFEIKVG VAYKLDGEIIPHPANHEVLNKVEVQYKTLPGWNTDISNARAF KELPVNAQNYVRFVED
ELQVPVKWIGVGKSRESMIQLF.

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
CBMOAB-65122	Monoclonal	Zebrafish (<i>Danio rerio</i>)	WB, ELISA	MO65122F	Unconjugated; also available for Biotin; HRP; FITC and 100 µg other labeled form.	100 µg

Protein Refseq: The length of the protein is 455 amino acids long.

The sequence is show below: MSDSGDAQPDGGNSSSSRGKSPSVGNRVTVVLGAQWGDEGKGKVVDDLLAQDADMVCRCQGGNNAGHTVV
VDSVEYDFHLLPSGIINPKV TAFIGNGVVIHPLGFEEAEKNVRKKGKLEGWESRLIISDRAHIVDFHQAVDGVQEERQQQAGKNLGTTKKGIG
PVYSAKAARSGLRI CDLLADFQEFSERFKHLASQYKSMYPSLEIDVDGELEKLKSYVDRIKPMVRDGVFFMYEALHGDPKRILVEGANAALLDIDF
GTYPFVTS SNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTQKNETGELLQTRGKEVGTTGRKRRCGWLDLVLIKYAHMINGFTA
LALT KLDILDVLPEIKVG VAYKVNGETIPHPANQEV LQKVEVEYETLPGWSTDTSAVRTFEELPENAKKYVCFIEDRLGVPVKWIGVGKSRES MIQ
LF.

MO-AB-11912W	Monoclonal	Chimpanzee (<i>Pan troglodyte</i>)	WB, ELISA	MO11912W	Unconjugated; also available for Biotin; HRP; FITC and 100 µg other labeled form.	100 µg
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Protein Refseq: The length of the protein is 456 amino acids long.

The sequence is show below: MAFAETYPAASSLPNGDCGRSRARPGGNRVTVLGAQWGDEGKGKVVDDLLAQDADIVCRCQGGNNAGHTVVV
DSVEYDFHLLPSGIINPN VTAFIGNGVVIHPLGFEEAEKNVQKKGKLEGWEKRLIISDRAHIVDFHQAADGIQEQRQEAGKNLGTTKKGIGP
VYSSKAARSGLR MCDLVSDFDGFSERFKVLANQYKSIYPTLEIDIEGELQKLKGYMEKIKPMVRDGVYFLYEALHGPPKKILVEGANAALLDIDFGT
YPFVT SSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTQDNEIGELLQTRGREFGVTTGRKRRCGWLDLVLLKYAHMINGFTALA
L TKLDILDMFTEIKVG VAYKLDGEIIPHPANQEV LNKVEVQYKTLPGWNTDISNARAFKELPVNAQNYVRFIEDELQIPVKWIGVGKSRE SMIQLF.

MO-AB-34342W	Monoclonal	Ferret (<i>Mustela Putorius Furo</i>)	WB, ELISA	MO34342W	Unconjugated; also available for Biotin; HRP; FITC and 100 µg other labeled form.	100 µg
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Protein Refseq: The length of the protein is 456 amino acids long.

The sequence is show below: MAFAETNPAASSLPNGDCGRPGARPGGNRVTVLGAQWGDEGKGKVVDDLLAQDADIVCRCQGGNNAGHTVVV
DSVEYDFHLLPSGIINPN VTAFIGNGVVIHPLGFEEAEKNVQKKGKLEGWEKRLIISDRAHIVDFHQAADGIQEQRQEAGKNLGTTKKGIGP
VYSSKAARSGLR MCDLVSDFDGFSERFKVLANQYKSIYPTLEIDIEGELQKLKGYMERIKPMVRDGVYFLYEALHGPPKKILVEGANAALLDIDFGT

Sub Cat	Clonality	Species Reactivity	Application	Clone	Conjugate	Size
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YPFVT SSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTQDNEIGELLQTRGREFGVTTGRKRRCGWLDLVLKYAHMINGFTAL
L TKLDILDMFTEIKVGVAAYKLDGEIIPHFPANQEVLNKVEVQYKTLPGWNTDISNARTFKELPVNAQNYVRFIEDELQIPVKWIGVGKSRE SMIQLF.

MO-AB-41192W	Monoclonal	Guinea pig (<i>Cavia porcellus</i>)	WB, ELISA	MO41192W	Unconjugated; also available for Biotin; HRP; FITC and 100 µg other labeled form.	g
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Protein Refseq: The length of the protein is 456 amino acids long.

The sequence is show below: VGVMSVAPAASSLPNGECGRRLRAPAGGNRVTVVLGAQWGDEGKGKVVDDLLAQDADIVCRCQGGNNAGHTVVV
DSVEYDFHLLPSGIINPN VTAFIGNGVVIHLPLGFEEADKNVQKKGLEGWEKRLIISDRAHIVDFHQAADGIQEQQRQEQAGKNLGTTKKGIGP
VYSSKAARSGLR MCDLVSDFDGFSERFKVLNAYKSIYPTLEIDIEGELQKLKGYMERIKPMVKDGVYFLYEALHGPPKKILVEGANAALLDIDFGT
YPFVT SSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTQDNEIGELLQTRGREYGVTTGRKRRCGWLDLVSVRYAHMINGFTAL
AL TKLDILDMFTEIKVGVAAYTLGDEVIHPFANQEVLNKVEVQYKTLPGWNTDISNARTFKELPINAQNYVRFIEDELQIPVKWIGVGKSRE SMIQLF.

MO-AB-42911W	Monoclonal	Hamsters (<i>Cricetinae</i>)	WB, ELISA	MO42911W	Unconjugated; also available for Biotin; HRP; FITC and 100 µg other labeled form.	g
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Protein Refseq: The length of the protein is 456 amino acids long.

The sequence is show below: MSISESNPAAASLPNGDCGRPRAPPGGNRVTVVLGAQWGDEGKGKVVDDLLAQDADIVCRCQGGNNAGHTVVV
DSVEYDFHLLPSGIINPN VTAFIGNGVVIHLPLGFEEAEKNVQKKGGLDGWEKRLIISDRAHIVDFHQAADGIQEQQRQEQAGKNLGTTKKGIGP
VYSSKAARSGLR MCDLVSDFDGFSERFKVLNAYKSIYPTLEIDIEGELQKLKGYMERIKPMVRDGVYFLYEALHGPPKKILVEGANAALLDIDFGT
YPFVT SSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTQDNEIGELLQTRGREFGVTTGRKRRCGWLDLVLKYAHMINGFTAL
L TKLDILDMFTEIKVGVAAYKLDGEIIPHFPANQEVLNKVEVQYKTLPGWNTDISNARTFKELPVNAQNYVRFIEDELQIPVKWIGVGKSRE SMIQLF.

MO-AB-43599W	Monoclonal	Horse (<i>Equus caballus</i>)	WB, ELISA	MO43599W	Unconjugated; also available for Biotin; HRP; FITC and 100 µg other labeled form.	g
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Protein Refseq: The length of the protein is 59 amino acids long.

The sequence is show below: VEVQYKTLPGWNTDTSNARTFKELPVNAQNYVRFIEDELQVPVKWIGVGKSRESMIQLF.

MO-AB-50536W	Monoclonal	Marmoset	WB, ELISA	MO50536W	Unconjugated; also available for Biotin; HRP; FITC and 100 µg other labeled form.	g
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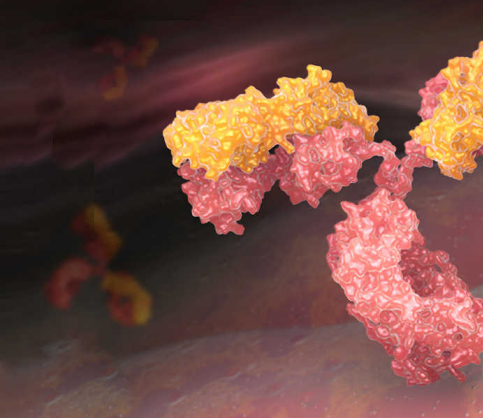
Protein Refseq: The length of the protein is 456 amino acids long.

The sequence is show below: MALAETYPAASSLPNGDCGRPRARPGGNRVTVVLGAQWGDEGKGKVVDDLLAQDADIVCRCQGGNNAGHTVVV
DSVEYDFHLLPSGIINPN VTAFIGNGVVIHLPLGFEEAEKNVQKKGLEGWEKRLIISDRAHIVDFHQAADGIQEQQRQEQAGKNLGTTKKGIGP
VYSSKAARSGLR MCDLVSDFDGFSERFKVLNAYKSIYPTLEIDIEGELQKLKGYMERIKPMVRDGVYFLYEALHGPPKKILVEGANAALLDIDFGT

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
YPFVT SSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTQEENEIGELLQTRGREGVTTGRKRRCGWLDLVLKYAHMINGFTALALTKLDILDMFTEIKVG VAYKLDGEIIPHIPANQEVLNKVEVQYKTLPGWNTDISNARTFKELPVNAQNYVRFIEDELQIPVKWIGVGKSRESMIQLF.						
MO-AB-07090R	Monoclonal	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO07090R	Unconjugated; also available for Biotin; HRP; FITC and 100 μ other labeled form.	g
Protein Refseq: The length of the protein is 36 amino acids long. The sequence is show below: KPMVRDGVYFLYEALHGPPKKILVEGANAALLDIDF.						
MO-AB-22819H	Monoclonal	Mallard (<i>Anas platyrhynchos</i>)	WB, ELISA	MO22819C	Unconjugated; also available for Biotin; HRP; FITC and 100 μ other labeled form.	g
Protein Refseq: The length of the protein is 396 amino acids long. The sequence is show below: QGGNNAGHTVVVDSVEYDFHLLPSGIINPKVTAFIGNGVVIHLPGLFEEAEKNLKGKGLGWEKRLIISDRAHIVDFHQAADGIQEQQ RQEAGKNLGTTKKGIGPVYSSKAARSGLRMCDLVSDFDEFSEKFLANQYKAIYPTLEIDIEGELKKLKAYMEKIKPMVRDGVYFMYE ALHGPPKKILVEGANAALLDIDFGTYPFVTSSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTQNNETGELLQIRGKEYGV TTGRKRRCGWLDLVLRLYAYMINGFTALALTKLDILDFSEIKVG VAYKLDGEIIPHFPANQEVLNKVEVRYETLPGWGTDISNARTFDE LPVNAQNYVRFIERELGVPVKWIGVGKSRESMIQLF.						
MO-AB-32809H	Monoclonal	Nile tilapia (<i>Oreochromis niloticus</i>)	WB, ELISA	MO32809C	Unconjugated; also available for Biotin; HRP; FITC and 100 μ other labeled form.	g
Protein Refseq: The length of the protein is 459 amino acids long. The sequence is show below: GVETARDRAEMSDSGSQEAPKTRIPRPTVGNKVTVVLGAQWGDEGKGVVDLLAQDADMVCRCQGGNNAGHTVVVDSVEYDFHLLPSGII NPKVTAFIGNGVVIHLPGLFEEAEKNERKGKSLKDWEKRLIISDRAHIVDFHQAQVGVQEQQRQEAGQNLGTTKKGIGPVYSAKAARS GLRICDLLADFTQFSERYKALAKYQSMYPTLKIDIDGELLKLDYVEQIKPMVRDGVHYMYEALHGPPKKILVEGANAALLDIDFGTYP FVTSSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPSQKNEIGELLQTRGKEVGVTTGRKRRCGWLDLVLKYAHMINGFTA LALTKLDILDVFTKIKVGIGYKVDNQTIHFPANQEVLERVEVQYETLPGWSDTSAARSFEELPENAKYVRFIEEHVGPVPKWIGVGK SRESMIQLF.						
MO-AB-00067Y	Monoclonal	Chicken (<i>Gallus gallus</i>)	WB, ELISA	MO00067Y	Unconjugated; also available for Biotin; HRP; FITC and 100 μ other labeled form.	g
Protein Refseq: The length of the protein is 396 amino acids long. The sequence is show below: QGGNNAGHTVVVDSVEYDFHLLPSGIINPKVTAFIGNGVVIHLPGLFEETEKNLKGKGLGWEKRLVISDRAHIVDFHQAADGIQEQQ RQEAGKNLGTTKKGIGPVYSSKAARSGLRMCDLVSDFDEFSEKFLANQYKAIYPTLEIDIEGELKKLKAYMEKVKPMVKDGVYFMYE ALHGPPKKILVEGANAALLDIDFGTYPFVTSSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTQDNEIGELLQMRGKEFGV TTGRKRRCGWLDLVQLRYAYMINGFTALALTKLDILDVFPEIKVG VAYKLDGEVIPHFPANHEVLSKVEVKYETLPGWDTDISNARTFDE LPVNAQNYVRFIEMELGVPVKWIGVGKSRESMIQLF.						

Sub Cat	Clonality	Species Reactivity	Application	Clone	Conjugate	Size
MO-AB-06266Y	Monoclonal	O. anatinus (<i>Ornithorhynchus anatinus</i>)	WB, ELISA	MO06266Y	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 396 amino acids long. The sequence is show below: QGGNNAGHTVVVDSVEYDFHLLPSGIINPN VTAFIGNGVVIHLPGLFEEAEKNVQKGKLEGWEKRLIISDRAHIVDFHQAADGIQEQQ RQEQAQKNLGTTKKGIGIPVYSSKAARSGLRMCDLV SDFDGFSERFKVLANQYKSMYPTLEIDIEGELHELKGYMERIKPMVRDGVYFIYE ALHGPPKKILVEGANAALLDIDFGTYPFVTSSNCTVGGVCT GLGMPPQNVGEVYGVVKAYTTRVGIGAFPTEQDNEIGEKLQIRGREYGV TTGRKRRCGWLDLVLKYAHMINGFTALALTCLDILDVFPEIEVGVA YKLDGEIIPHFPANQEVNLKVEVQYQTLPGWNTDISNARTFED LPVNAQNYVLFIEKELQIPVKWIGVGKSRESMIQLF.						
MO-AB-07107Y	Monoclonal	Rabbit (<i>Oryctolagus cuniculus</i>)	WB, ELISA	MO07107Y	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 475 amino acids long. The sequence is show below: RTPSLAAFPSCGPRRLRGAMAFETNPAAS SLPNGDCGRPKGAAGRQSGDGLGAQWGDEGKGKVVDRLLKKGDFSCYLIGGNNAGHTVV VDSVEYDFHLLPSGIINPNVTAFIGNGVVIHLP GLFEEAEKNVQKGKLEGWEKRLIISDRAHIVDFHQAADGIQEQQRQEQAQKNLGT TKGIGIPVYSSKAARSGLRMCDLVSDFDGFSERFKVL ANQYKSIYPTLEIDIEGELQKLKGYMERIKPMVRDGVYFLYEALHGPPKKILV EGANAALLDIDFGTYPFVTSSNCTVGGVCTGLGMPPQNVGEVY GVVKAYTTRVGIGAFPTEQDNEIGELLQTRGREFGVTTRGRKRRCGWL DLVLLKYAHMINGFTALALTCLDILDMFTEIKVG VAYKLDGEIIPHFPANQ EVNLKVEVQYKTLPGWNTDISNARTFKELPVNAQNYVRF IEDLQIPVKWIGVGKSRESMIQLF.						
MO-AB-10603Y	Monoclonal	O. mykiss (<i>Oncorhynchus mykiss</i>)	WB, ELISA	MO10603Y	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 467 amino acids long. The sequence is show below: MERETQMVMSESRSKDAVPNGAAHSTSTE PHVARPNIGNRVTVVLGAQWGDEGKGKVVDLLAQDADIVCRCQGGNNAGHTVVVDSVEYDF HLLPSGIINPKVTAFIGNGVVIHLPGLFEEAEKN VCKGKSLEGWDKRLIISDRAHIVDFHQAADGVQEQQRQEQAQKNLGTTKKGIGIPV YSAKAARSGLRICDLMSDFTQFSERFKVLASQYQSMYP TLVIDIDGELSKLRDYEKVKPMVRDGVFYMYGALHGPPKNILVEGANAALL DIDFGTYPFVTSSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTT RVGIGAFPSEQFNDIGELLQTRGKEVGVTTRGRKRRCGWLDLVLIKYA HMINGFTALALTCLDILDVLP EIKVGVSYSVNGENIPNFPANQEVLSVE VQYDTLPGWNSDTSTARTFDELPENAKYVRYIEEHLGVP VKWIGVGKSRESMIQIF.						
MO-AB-14129Y	Monoclonal	Sheep (<i>Ovis aries</i>)	WB, ELISA	MO14129Y	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 458 amino acids long. The sequence is show below: VALPETNPAASSLPNGDCGRPRARPGGNR VTVVLGAQWGDEGKGKVVDLLAQDADIVCRCQGGNNAGHTVVVDSVEYDFHLLPSGIINPN VTAFIGNGVVIHLPGLFEEAEKNVQKGKLEGW EKRLIISDRAHIVDFHQAADGIQEQQRQEQAQKNLGTTKKGIGIPVYSSKAARSGLR MCDLVSDFDGFSERFKVLANQYKSIYPTLEIDIEGELQKL KGYMERIKPMVRDGVYFLYEALHGPPKKILVEGANAALLDIDFGTYPFVT SSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTEQD						

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
NEIGELLQTRGREFGVTTGRKRRCGWLDLVLLKYAHMINGFTAIRL ALTKLDILDMFTEIKVG VAYKLDGEIIPHFPANQEV LNKVEVQYKTLPGWNT DISNARTFKELPINAQNYVRFIEDELQIPVKWIGVGKS RESMIQLF.						



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.