

AibGenesis™ Mouse Anti-SCAMP1 Antibody (CBMOAB-41077FYC)

Cat. No.: CBMOAB-41077FYC

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO41077FC
Specificity	This antibody binds to Arabidopsis SCAMP1.
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	Endosome; Golgi apparatus; Plasma Membrane; 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	Probably involved in membrane trafficking. (From uniprot, under CC BY 4.0)
Product Overview	Mouse Anti-Arabidopsis SCAMP1 Antibody is a mouse antibody against SCAMP1. It can be used for SCAMP1 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 282 amino acids long. The sequence is show below: MSRYQSHSFDDGEINPF ANPTSVPAATSKLSPLPPEPYDRGATMDIPLDSGKDLKAKEKE LREKEAELKRREQEIKRKEDAIAQAGIVIE EKNWPPFFPLIHHDISNEIPIHLQRIQYVA FTSMLGLVVCLLNIVAVTTAWIKGEGPTIWFLAIIFYISGVPGAY

VMWYRPLYRAMRTD SALKFGWFFFTYLFHIAFCVFAAVAPPIIFKGKSLTGILPAIDVLSGNILVGIFYFIGFG F
FCLESLVSIWVIQQVYMYFRGSGKAAEMKQEATRRAMMAAL.

Sub Cat	Clonalit y	Species	Reactivity	Applicati on	Clone	Conjugate	Size
---------	---------------	---------	------------	-----------------	-------	-----------	------

CBMOAB-89375	Monoclonal	Rice (<i>Oryza</i>)	WB, ELISA	MO89375F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
--------------	------------	-----------------------	-----------	----------	--	--------

Protein Refseq: The length of the protein is 306 amino acids long.

The sequence is show below: MAGRYDSNPFEEDDVNPFSEQARGKAGGQPSYGGGAFYMPNPRNVPSVSSNSRLSPLPPEPAAFGATVDIPLD
SSKDLKNREKELQAREA ELNKREKELKRREEAAARAGIVIEKNWPPFLPLIHHITNEIPSHLQRMQYVAFASFLGLACCLFWNVIAVTSAAWVKG
EGVKIWLLAI YFISGVPGAYVLWYRPLYNAMRTDSALKFGLFFLVYLFHILFCVFSAVAPPVVFEGKSLAGILPAIDLISKNALVGIFYFVGFLFCVES
LLSIWVIQQVYMYFRGSGKAAEMKRDATRGAMRAAF.

CBMOAB-97183	Monoclonal	Zebrafish (<i>Danio rerio</i>)	WB, ELISA	MO97183F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
--------------	------------	----------------------------------	-----------	----------	--	--------

Protein Refseq: The length of the protein is 338 amino acids long.

The sequence is show below: MSDFDSNPFADPDFSNPFQDPSVTQVTRTAPPGLLEEYNPFTDTKPVPFGSAPKSVPTTNTQPAIMKPTEEPAY
TQSQQTPDQSRAQAE LLRRQEELERKAAELDRREREMQSLNASGGRKNNWPPLPEKFPVGPCFYHDSVDIPVEYQKTVKIMYYLWMFHTGTL
FANIFGCLSWFC VDASRGVDFGLAMLWFMFTPCSFVCWYRPLYGAFRSDSSFRFFVFFVYICQFVHVLQAIGITGWGASGWISALTGLNTSI
PVGIIIMI LIAALFTASAVISLIMFKKVHALYRTTGASFKAQQEFATGVMANKTVQTAAANAASSAARGAFKEQI.

MO-AB-19754R	Monoclonal	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO19754R	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
--------------	------------	------------------------------	-----------	----------	--	--------

Protein Refseq: The length of the protein is 354 amino acids long.

The sequence is show below: MSDFDSNPFADPDLNPNFKDPSVTQVTRNVPPGLDEYNPFSDSRTPPPGNVKMPNVPSTQPAIMKPTEEHPAYT
QIAKEHALAQAELLKR QEELERKAAELDRREREMQNLSQHGRKNNWPPLPDNFPVGPCFYQDFSVDIPVEFQKTVKIMYYLWMFHAVTLFLNIF
GCLAWFCVDPPR GVDFGLSILWLLFTPCSFVCWYRPLYGAFRSDSSFRFFVFFVYICQFAVHVLQAAGFHNWGNCGWISSLTGLN.

MO-AB-23366W	Monoclonal	Chimpanzee (<i>Pan troglodytes</i>)	WB, ELISA	MO23366W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
--------------	------------	---------------------------------------	-----------	----------	--	--------

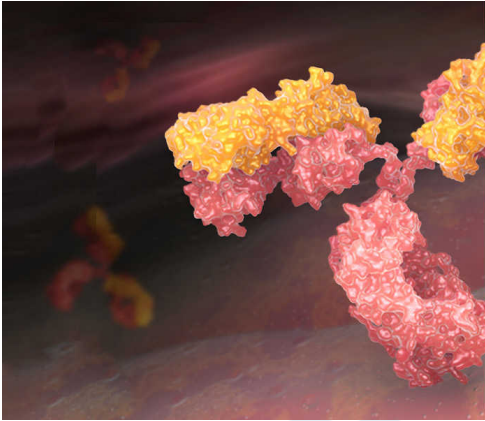
Protein Refseq: The length of the protein is 338 amino acids long.

The sequence is show below: MSDFDSNPFADPDLNPNFKDPSVTQVTRNVPPGLDEYNPFSDSRTPPPGSVKMPNVPNTQPAIMKPTEEHPAYT
QIAKEHALAQAELLKR QEELERKAAELDRREREMQNLSQHGRKNNWPPLPSNFPVGPCFYQDFSVDIPVEFQKTVKLMYYLWMFHAVTLFLNIF

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
GCLAWFCVDSAR AVDFGLSILWFLLFTPCSFVCWYRPLYGAFRSDSSFRFFVFFVYICQFAVHVLQAAGFHNWGNCGWISSLTGLNQNIPVGIM MIIIAAL FTASAVISLVMFKKVHGLYRTTGASFKAQQEFATGVMSNKTQTAANAATAASSAAQNAFKGNQI.						
MO-AB-63854W	Monoclonal	Marmoset	WB, ELISA	MO63854W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 338 amino acids long.

The sequence is show below: MSDFDSNPFADPDLNNPFKDPSVTQVTRNVPPGLDEYNPFSDSRTPPPGSVKMPNVPNTQPAIMKPTEEHPAYT
QIAKEHALAQAELLKR QEELERKAAELDRREREMQNLSQHGRKNNWPPLPSNFPVGPCFYQDFSVDIPVEFQKTVKLMYYLWMFHAVTLFLNIF
GCLAWFCVDSTR AVDFGLSILWFLLFTPCSFVCWYRPLYGAFRSDSSFRFFVFFVYICQFAVHVLQAAGFQNWGNCGWISSLTGLNKSIPVGIM
MIIIAAL FTASAVISLVMFKKVHGLYRTTGASFKAQQEFATGVMSNKTQTAANAATAATSAAQNAFKGNQI.



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.