

AibGenesis™ Mouse Anti-SCAMP2 Antibody (CBMOAB-41078FYC)

Cat. No.: CBMOAB-41078FYC

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO41078FC
Specificity	This antibody binds to Arabidopsis SCAMP2.
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 SCAMP2 Antibody is a mouse antibody against SCAMP2. It can be used for SCAMP2 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 283 amino acids long. The sequence is show below: MARHDPNPFADDEEINPFA NHTSVPPASNSYLKPLPPEPYDRGATVDIPLDSGNDLRKEM ELQAKENELKRKEQELKRREDAIARTGVV IEEKNWPEFFPLIHHDIPNEIPIHLQKIYV AFTTLLGLVGCLLNIVAVTVAWIKGEGPTIWLLSIYFLAGVPG

Sub Cat	Clonalit y	Species	Reactivity	Applicati on	Clone	Conjugate	Size
CBMOAB-57164 FYA	Monoclonal	Rhesus (<i>Macaca mulatta</i>)		WB, ELISA	MO57164F YA	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 312 amino acids long.

The sequence is show below: PSQDPSVTQLTNAPQGGLAEFNPSETNAATTVPVTQLPGSSQPAVLQPSVEPTQPTPQAAVSAAQAGLIRQQE
ELDRKAAELERKEREL QNTVANLHVRENWPPLPSWCPVKPCFYQDFSTEIPADYQRICKMLYYLWMLHSVTLFLNLLACLASFSGDSSKGVDFG
LSILWFLIFTPC AFLCWYRPIYKAFRSDNSFSFFVFFVFVFCQIGIYIIQLVGIPGLGDSGWIAALSTLKNGLAVSVIMMVVAGFFTLCAVLSVFLLR
VH SLYRRTGASFQQAQEEFSQGIFSSRTFHRAASSAAQGAFFQGN.

CBMOAB-89376 FYB	Monoclonal	Rice (<i>Oryza</i>)		WB, ELISA	MO89376F YB	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 286 amino acids long.

The sequence is show below: MAGRYDRNPFDEDDVNPFFAGGSVPPASNSRMPPLPHEPGFYNDRGATVDIPLDSTKDMKKKEKELQAKEAELN
KRESELRRREEAASRAG IVIEEKNWPPFFPIIHHDISNEIPIHLQRMQYLAFSSLLGLAACLFWNIIATTAAWIKGAGVMIWLLAIIFYISGVPGAYVLW
YRPLYNA MRTESALKFGWFFLFYLIHILFCIWSAVAPPPFKGKSLAGILPAIDVIGNNAIVGIFYFIGFLCLESLLSVVVIQQVYMYFRGSGKAAE
MKREAARGAMRSAF.

CBMOAB-97187 FYA	Monoclonal	Zebrafish (<i>Danio rerio</i>)		WB, ELISA	MO97187F YA	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 326 amino acids long.

The sequence is show below: MSGFDSNPFADPVDVNPFDPSVTQVTNSGVDHIESFSPFPDGNQGSTIPASSAPTQPAVLQPSVEPSPQATAAA
AQASLIKQEELEERK AAELERREQELQSRGAPTQKQNNWPPLPKRFPIQPCFYQDFSEEIPQEHQRLCKMIYYLWMWECVTFLNLVLAADFT
TNSEAGVDFGL SILWFILFAPCSFICWFRPVYKAFRSDSSFNFFVFFFAQIVISVIQAVGIPKWGNSGWISAISVIGSNKAVGAIMMVAAFFTTAA
AA LSVVLLKMHSHYRRTGASFQKAQFEFSQGVLTNRFTQSAATSAATTAQSSLQRN.

MO-AB-07428H	Monoclonal	Frog (<i>Xenopus laevis</i>)		WB, ELISA	MO07428C	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 327 amino acids long.

The sequence is show below: MSGYDTNPFADPVDVNPFDPSVTQITTGNHGSLEEFNPFTGSHLTNPQNKTIPAQSQPAVLQPSVDSTPQAAA
MAAQTGLLQQQEELE RKAELDRKEQELRNVNINLRQNNWPPLPPKCPKPCFYQDFSGDIPADYQRTCKMLYYLWMLHTFTFLNLLACLSYFT

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
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AVPTGGVDFG LSILWFVMFTPCAFLCWYRPIYKAFRTDSSFSFFVFIIFFCQIVYIIQAVGIPGWGDSGWIMALMTMIKSNVAVTVIMMVVASFFTVC
S VFSLFLLKRVHSMYRRTGASFQRAQEELSQGILANRNVQNAAAGAATAAARGAFQGN.

MO-AB-19755R	Monoclonal	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO19755R	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 328 amino acids long.

The sequence is show below: MSSFDTNPFADPVDVNPFDPSVTQLTNAPQGGLAEFNPFSETNAATTVPVSQMPGASQPAVLQPSVEPTQPTP
QAVASAAQASLLRQQE ELDRKAAELERKERELQNTVANLHVRENNWPPLPVWCPVKPCFYQDFSTEIPADYQRICKMLYYLWMLHSVTLFLNLL
ACLAWFLVDTSR GVDFGLSILWFIPTPCAFLCWYRPIYKAFRSDNSFSFFVFFVFVFCQIGIYIIQLGIPSLGDSGWIAALSTMK.

MO-AB-23157W	Monoclonal	Chimpanzee (<i>Pan troglodytes</i>)	WB, ELISA	MO23157W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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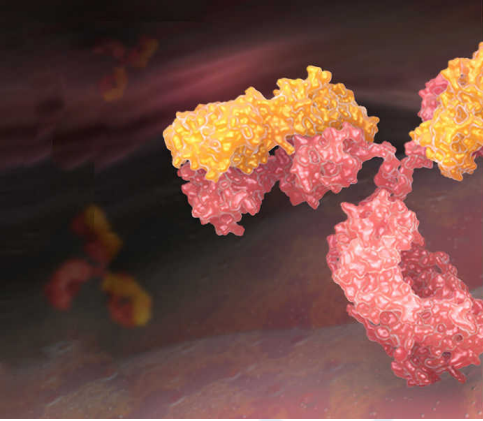
Protein Refseq: The length of the protein is 329 amino acids long.

The sequence is show below: MSAFDTNPFADPVDVNPFDPSVTQLTNVPQGGLAEFNPFSETNAATTVPVTQLPGSSQPAVLQPSVEPTQPTP
QAVVSAAQAGLLRQQE ELDRKAAELERKERELQNTVANLHVRQNNWPPLPSWCPVKPCFYQDFSTEIPADYQRICKMLYYLWMLHSVTLFLNLL
ACLAWFSGNSSK GVDFGLSILWFLIPTPCAFLCWYRPIYKAFRSDNSFSFFVFFVFVFCQIGIYIIQLVGIPGLGDSGWIAALSTLDNHSLAISVIMMV
VAG FFTLCAVLSVFLLRVHSLYRRTGASFQQAQEELSQGIFSSRTFHRAASSAAQGAFFQGN.

MO-AB-63855W	Monoclonal	Marmoset	WB, ELISA	MO63855W	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 329 amino acids long.

The sequence is show below: MSVFDTNPFADPVDVNPFDPSVTQLTNAPQGGLAEFNPFSETNAATTVPVTQLPGSSQPAVLQPSVEPTQPTP
QAVVSAAQAGLLRQQE ELDKKASELERKERELQNTVANLVRRENNWPPLPSWCPVKPCFYQDFSTEIPADYQRICKMLYYLWMLHSVTLFLNLL
ACLAWFSSNSSK GVDFGLSILWFLIPTPCAFLCWYRPIYKAFRSDNSFSFFVFFVFVFCQIGIYIIQLVGIPGLGDSGWIAALSTLGQDALAVSVIMMV
VVAG FFTLCAVLSVFLLRVHSLYRRTGASFQQAQEELSQGIFSSRTFHRAASSAAQGAFFQGN.



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.