

AibGenesis™ Mouse Anti-SCAMP5 Antibody (CBMOAB-41081FYC)

Cat. No.: CBMOAB-41081FYC

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO41081FC
Specificity	This antibody binds to Arabidopsis SCAMP5.
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

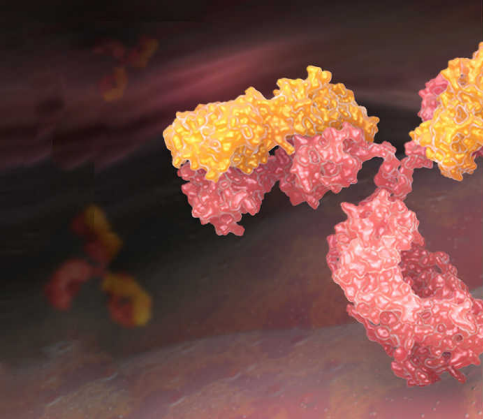
Product Overview	Mouse Anti-Arabidopsis SCAMP5 Antibody is a mouse antibody against SCAMP5. It can be used for SCAMP5 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 291 amino acids long. The sequence is show below: MGGRYDRNTFDEQDEV NPFANPGSVPAASNSRLSPPEPAGFGYGRVTVDIPLDRPGSGA QDLKKKEKELQAKEADLRRREQDLKR KQDAAARAGIVIEAKNWPTFFPLIHHDIANEILV RLQRLQYIAFATYLGVLVLFWNIIAVTTAWIKGEGVTIWLL AVIYFISGVPGGYVLWYR PLYRAFRSDSAFNFGWFFLFYMLHILFCLFAAVAPPVFKGKSLAGILPAIDVLSA QALV GIFYFIGFLFCLESVSVIQQVYMYFRGSGKADDMRRDAARGAMRAAI.

Sub Cat	Clonalit	Species	Reactivit	Applicatio	Clone	Conjugate	Size
	y	y		n			
CBMOAB-57167	Monoclon	Rhesus (<i>Macaca mulatta</i>)	WB, ELISA	MO57167F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg	
FYA	al			YA			
Protein Refseq: The length of the protein is 242 amino acids long.							
The sequence is show below: TEKVNNFPPLPKFIPLKPCFYQDFEADIPPQHLSMTKRLLYLWMLNSVTLAVNLVGCLAWLIGGGGATNFGLAFLWLILFTPCSYVCWFRPIYKAFKTDSSFSFMAFFFTFMAQLVISIIQAVGIPGWGVCP TLASSCSGWIATISFFGTNIGSAVVMLIPTVMFTVMAVFSFIALSMVH KFYRSGSGSFSKAQEEWTTGAWKNPHVQQAQAAMGAAQGAMNQPTQYSATPNYTYSNEM.							
CBMOAB-89379	Monoclon	Rice (<i>Oryza</i>)	WB, ELISA	MO89379F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg	
FYB	al			YB			
Protein Refseq: The length of the protein is 281 amino acids long.							
The sequence is show below: MHHDPNPFDEGADDNPFSSNGGGGGARRGGGGGGGGGGGGKSSQFSFGFGLGGGSKGGATVDIPLDNMSDSKGGKSKELLQWEADLKRREA DIRRREEALKSAGVPMEEKNWPPFFPIIHHDIANEIPANAQKLQYLAFASWLGIVLCLFWNFIAVIVCWIRGGDSKLFFLATIYGMLGMP LSYLMWYRPLYRAMRTDSAFSFGWFFLCYMLHIAFCVFAAIAPPVIFRGKSLTGILAAIDTFSDHAIVGIFYFVGFAFCLETLVSIWVL QKVYMYFRGHK.							
CBMOAB-97193	Monoclon	Zebrafish (<i>Danio rerio</i>)	WB, ELISA	MO97193F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg	
FYA	al			YA			
Protein Refseq: The length of the protein is 230 amino acids long.							
The sequence is show below: MAENNFPLPRFIPLKPCFYQDFNEIPDQHRTMCKRLLYLWILNSATLAVNLIGCLAWMCGGGGATNFGMAILWLILFTPCSYVCWFRPIYKAFKSDSSFNFMFAFFVFMAQVVISIIQTVGIPGWGVCGWLATITFFSTNIGSAVVMLIPTIMFTAVAVLSFIALTKVHNFYRSGSGSM SKAQEEWTTSGAWKNPHVQQAQAAMGAAQGAMQGGQQYSAAPTNYDDPM.							
MO-AB-19759R	Monoclon	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO19759R	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg	
	al						
Protein Refseq: The length of the protein is 235 amino acids long.							
The sequence is show below: MSEKVNNFPPLPKFIPLKPCFYQDFEADIPPQHLSMTKRLLYLWMLNSVTLAVNLVGCLAWLIGGGGATNFGLAFLWLILFTPCSYVCWF RPIYKAFKTDSSFSFMAFFFTFMAQLVISIIQAVGIPGWGVCGWIATISFFGTNIGSAVVMLIPTVLFTVMAVFSFIALSMVHKFYRGSG GSFKAQEEWTTGAWKNPHVQQAQAAMGAAQGAMNQPTQYSATPNYTYSNEM.							
MO-AB-28835H	Monoclon	Rat (<i>Rattus norvegicus</i>)	WB, ELISA	MO28835C	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg	
	al						

Sub Cat	Clonalit	Species	Reactivit	Applicatio	Clone	Conjugate	Size
	y	y		n			

Protein Refseq: The length of the protein is 235 amino acids long. The sequence is show below: MAEKVNNFPPLPKFIPLKPCFYQDFEADIPPQHLSLTKRLYYLWMLNSVTLAVNLVGCLAWLIGGGGATNFGLAFL WLILFTPCSYVCWF RPIYKAFKTDSSFSFMAFFFTFMAQLVISIIQAVGIPGWGVCGWIATISFFGTNIGSAVVMLIPTVMFTVVAVFSFIALSMVHKF YRGSG GSFSKAQEEWTTGAWKNPHVQQAQAAMGAAQGAMNQPQTQYSTTPNYTYSNEM.							
MO-AB-63859W	Monoclonal	Marmoset	WB, ELISA	MO63859W	Unconjugated; also available for Biotin; HRP; FITC and othe 100 μg		
					r labeled form.		

Protein Refseq: The length of the protein is 235 amino acids long. The sequence is show below: MAEKVNNFPPLPKFIPLKPCFYQDFEADIPPQHLSMTKRLYYLWMLNSVTLAVNLVGCLAWLIGGGGATNFGLAFL WLILFTPCSYVCWF RPIYKAFKTDSSFSFMAFFFTFMAQLVISIIQAVGIPGWGVCGWIATISFFGTNVGSAVVMLIPTVMFTVMAVFSFIALSMVHK FYRGSG GSFSKAQEEWTTGAWKNPHVQQAQAAMGAAQGAMNQPQTQYSATPNYTHSNEM.							
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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.