Mouse PIK3AP1 Monoclonal Antibody | anti-PIK3AP1 antibody

PIK3AP1 antibody

CATALOG #	HOST	APPLICATIONS
AAA107310	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

PIK3AP1; Monoclonal Antibody; PIK3AP1 antibody; Monoclonal PIK3AP1; Anti-PIK3AP1; Phosphoinositide-3-kinase adaptor protein 1; BCAP; B-cell adapter for phosphoinositide 3-kinase; B cell adaptor protein; PIKAP1 3; PIKAP1-3; anti-PIK3AP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5H2
Purity/Purification	PIK3AP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	424
Applicable Applications for anti-PIK3AP1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	PIK3AP1 is involved in the activation of phosphoinositide 3-kinase (PI3K) in B-cells and in natural killer (NK) cells. It couples B-cell antigen receptor (BCR) to PI3K activation by providing a docking site for the PI3K subunit PIK3R1, which contributes to B-cell development. It seems to have a complementary role with CD19 in PI3K activation. May be involved in the survival of mature B cells via activation of REL.
Cross-Reactivity	Human
Immunogen	PIK3AP1 antibody was raised in mouse using a full length recombinant protein of human PIK3AP1 (NP_689552) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant PIK3AP1 protein using PIK3AP1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PIK3AP1 protein (Right) or empty vector (Left) detected with PIK3AP1 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant PIK3AP1 protein (red) or empty vector (blue) stained using PIK3AP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3AP1 antibody	Mouse monoclonal PIK3AP1 antibody
Product Categories/Family for anti-PIK3AP1 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377585
NCBI GeneID	124044
NCBI Accession #	NP_689552
NCBI GenBank Nucleotide #	NM_152339.3
UniProt Accession #	Q8IUW3; Q8NHV3; D3DX85
Molecular Weight	17,058 Da
NCBI Official Full Name	spermatogenesis-associated protein 2-like protein
NCBI Official Synonym Full Names	spermatogenesis associated 2-like
NCBI Official Symbol	SPATA2L
NCBI Official Synonym Symbols	tamo; C16orf76
NCBI Protein Information	spermatogenesis-associated protein 2-like protein
UniProt Protein Name	Spermatogenesis-associated protein 2-like protein
UniProt Gene Name	**SPATA2L**
UniProt Synonym Gene Names	C16orf76; SPATA2-like protein
UniProt Entry Name	SPA2L_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/pik3ap1-antibody-clone-5h2-western-blot-immunofluorescence-flow-cytometry-elisa/107310