

Rabbit anti-Human, Mouse AIM Polyclonal Antibody | anti-CD5L antibody

AIM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40218	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

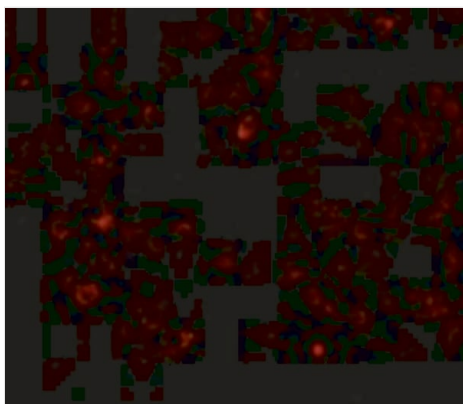
PRODUCT SYNONYMS

AIM; Polyclonal Antibody; AIM Antibody; API6; PRO229; Spalpha; SP-ALPHA; UNQ203/PRO229; CD5 antigen-like; CT-2; CD5 molecule-like; anti-CD5L antibody

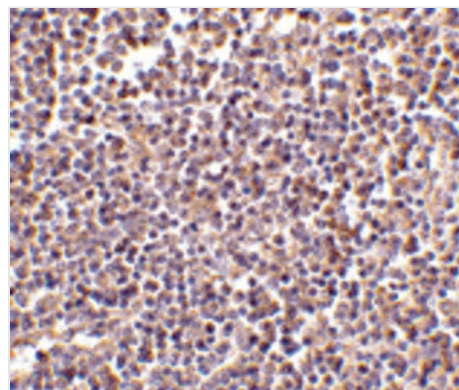
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	AIM Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	347
Applicable Applications for anti-CD5L antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	AIM antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human AIM.
Buffer	AIM Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	AIM antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

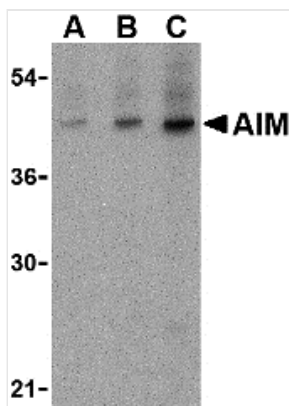
IMAGES


IF (Immunofluorescence)

Immunofluorescence of AIM in Human Lymph Node cells with AIM antibody at 20 µg/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of AIM in human lymph node tissue with AIM antibody at 2 µg/mL.



WB (Western Blot)

Western blot analysis of AIM in human lymph node tissue lysate with AIM antibody at (A) 1, (B) 2 and (C) 4 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CD5L antibody

AIM Antibody: Apoptosis inhibitor of macrophages (AIM) is a member of the scavenger receptor cysteine-rich domain superfamily (SRCR-SF) initially identified as an inducible cell surface ligand of CD5. It was shown that AIM functions in the thymus as the inducer of resistance to apoptosis within CD4+/CD8+ thymocytes and as the supporter of the viability of these cells before thymic selection. AIM was also shown to support macrophage survival and enhance their phagocytic function. More recent experiments using recombinant AIM significantly inhibited apoptosis of NKT and T cells obtained from *C. parvum*-stimulated livers in vitro, suggesting that AIM functions to induce resistance to apoptosis in these cells and supports host defense against inflammation during infection.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4102235
NCBI GeneID	922
UniProt Accession #	O43866; Q6UX63; A8K7M5
Molecular Weight	38,088 Da
NCBI Official Full Name	AIM
NCBI Official Synonym Full Names	CD5 molecule-like
NCBI Official Symbol	CD5L
NCBI Official Synonym Symbols	AIM; API6; PRO229; Spalpha; SP-ALPHA
NCBI Protein Information	CD5 antigen-like; CT-2; apoptosis inhibitor 6; igM-associated peptide; CD5 antigen-like (scavenger receptor cysteine rich family)
UniProt Protein Name	CD5 antigen-like
UniProt Gene Name	CD5L
UniProt Synonym Gene Names	API6
UniProt Entry Name	CD5L_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/polyclonal/aim-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40218>