

Datasheet for ABIN499245
anti-CD5L antibody (C-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	CD5L
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD5L antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	AIM antibody was raised against a 13 amino acid peptide near the carboxy terminus of human AIM.
Isotype:	IgG
Specificity:	This antibody reacts to AIM.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	CD5L
Alternative Name:	CD5L / API6 (CD5L Products)

Target Details

Background: 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. Synonyms: AIM, CD5 antigen-like, CT-2, IgM-associated peptide, SP-alpha

Gene ID: 922

UniProt: [O43866](#)

Application Details

Application Notes: ELISA. Western Blot: Immunohistochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

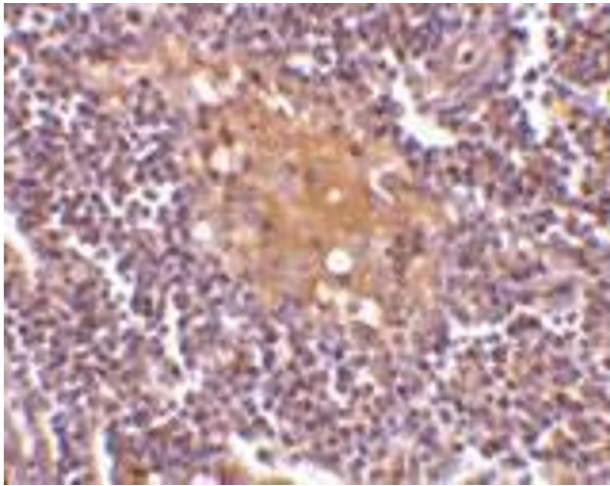
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

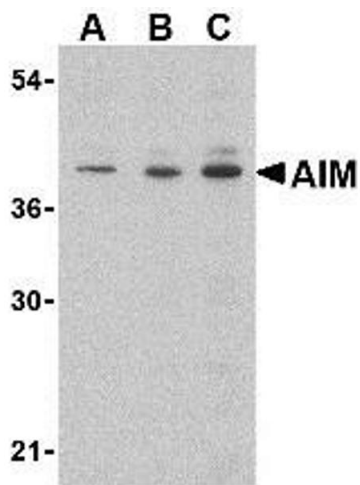
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of AIM in human lymph node tissue with AIM antibody at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of AIM in Raji lysate with AP30034PU-N AIM antibody at (A) 0.5, (B) 1 and (C) 2 µg/ml.