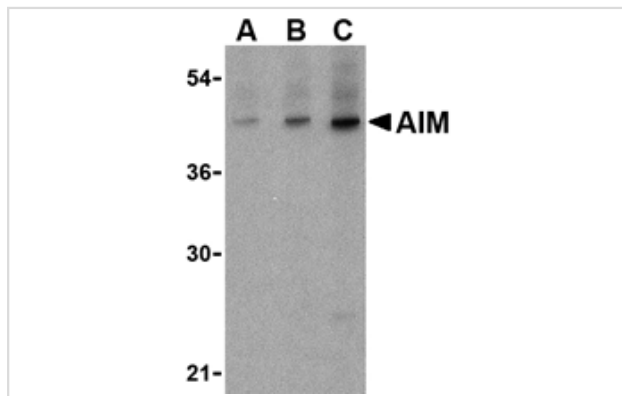


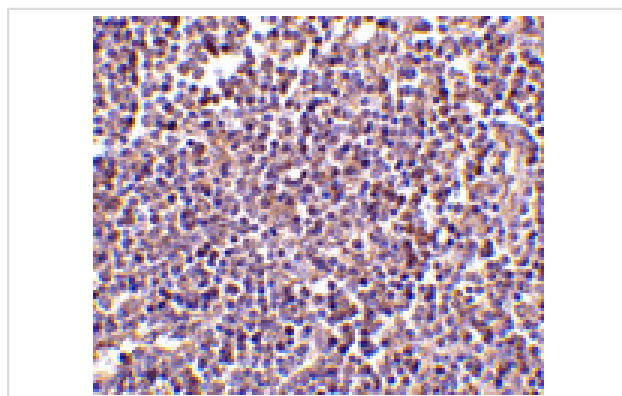
Description

Product Name	AIM Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	E WB IHC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the amino terminus of human AIM.
Target Name	AIM
Other Names	Apoptosis inhibitor of macrophages, API6, SP alpha, CD5L
Accession No.	AAD01446
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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



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



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

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.