



Rabbit Anti-CD5L antibody

SL2487R

Product Name:	CD5L
Chinese Name:	CD5L抗体
Alias:	AAC-11; AIM; API6; Api6; APOPTOSIS INHIBITOR 6; APOPTOSIS INHIBITOR OF MACROPHAGES; CD5 antigen like (scavenger receptor cysteine rich family); CD5 antigen-like; Cd5l; CD5L_HUMAN; CT 2; CT-2; Highly similar to ANTIGEN WC1.1 [Bos taurus]; IgM associated peptide; IgM-associated peptide; Pdp; PRO229; SCAVENGER RECEPTOR CYSTEINE-RICH FAMILY; SP ALPHA; SP-alpha; Spalpha.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CD5L:221-347/347
Isotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	CD5L 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

CD5L 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. CD5L was also shown to support macrophage survival and enhance their phagocytic function. More recent experiments using recombinant CD5L significantly inhibited apoptosis of NKT and T cells obtained from *C. parvum*-stimulated livers in vitro, suggesting that CD5L functions to induce resistance to apoptosis in these cells and supports host defense against inflammation during infection. Expressed in spleen, lymph node, thymus, bone marrow, and fetal liver, but not in non-lymphoid tissues.

Function:

May play a role in the regulation of the immune system. Seems to play a role as an inhibitor of apoptosis.

Subunit:

Associated with IgM.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed in spleen, lymph node, thymus, bone marrow, and fetal liver, but not in non-lymphoid tissues.

Similarity:

Contains 3 SRCR domains.

SWISS:

O43866

Gene ID:

922

Database links:

[Entrez Gene: 922](#)Human

[Entrez Gene: 11801](#)Mouse

[Oimim: 602592](#)Human

[SwissProt: O43866](#)Human

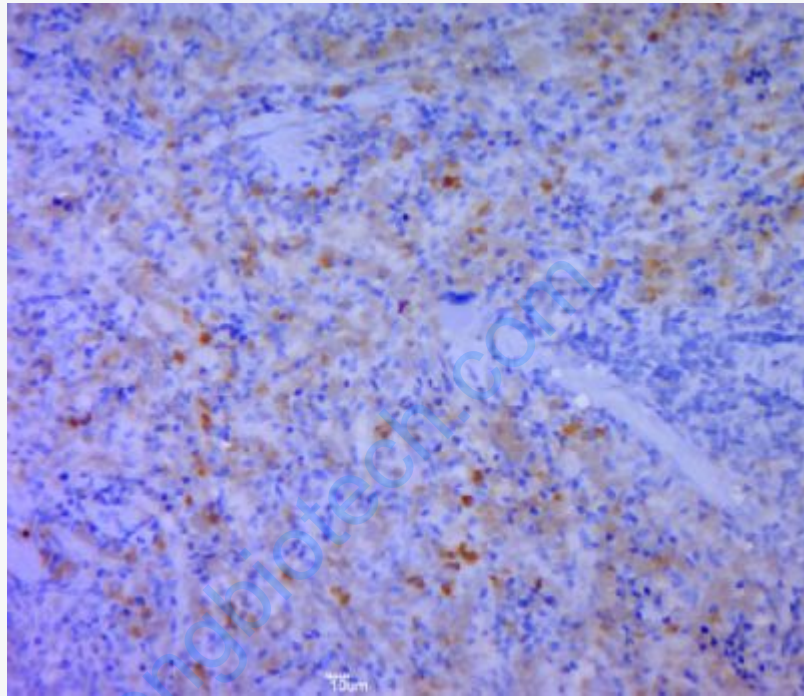
[SwissProt: Q9QWK4](#)Mouse

[Unigene: 134035](#)Human

[Unigene: 6676](#)Mouse

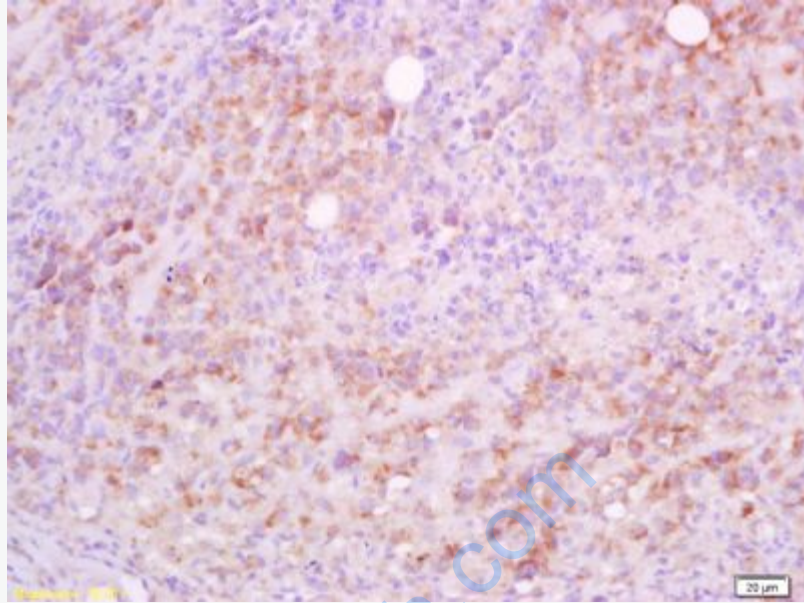
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat spleen tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD5L) Polyclonal Antibody, Unconjugated (SL2487R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Tissue/cell: mouse lymphoma tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CD5L/Ap16 Polyclonal Antibody, Unconjugated(SL2487R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining