

## Rabbit Anti-CD5L/Cy5 Conjugated antibody

SL2487R-Cy5

<b>Product Name</b>	Anti-CD5L/Cy5
<b>Chinese Name</b>	Cy5 标记的 CD5L 抗体
<b>Alias</b>	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.
<b>Research Area</b>	Cell biology immunology Apoptosis
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse,Rat(predicted:Human) IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	36kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human CD5L
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> 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<sup>+</sup>/CD8<sup>+</sup> 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.

**Database links:**

[Entrez Gene: 922](#) Human

[Entrez Gene: 11801](#) Mouse

[Omim: 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



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human, therapeutic or diagnostic applications.