



Rabbit Anti-Ly75/CD205 antibody

SL2565R

Product Name:	Ly75/CD205
Chinese Name:	lymphocyte抗原75抗体
Alias:	C-type lectin domain family 13 member B; CD 205; CD205; CD205 antigen; CLEC 13B; CLEC13B; DEC 205; DEC-205; DEC205; gp200; gp200 MR6; gp200-MR6; LY 75; Ly-75; LY75; LY75_HUMAN; Lymphocyte antigen 75; Renal Cell Carcinoma (gp200).
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Rabbit,Guinea Pig,
Applications:	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	195kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DEC-205:601-700/1722<Extracellular>
Lsotype:	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:	Ly75 is expressed in spleen, thymus, colon and peripheral blood lymphocytes and causes reduced proliferation of B-lymphocytes as well as acting as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment. Ly75 is also detected in myeloid and B lymphoid cell

lines and isoforms 2 and 3 are expressed in Hodgkin and Reed-Sternberg (HRS) cells (malignant Hodgkin lymphoma cells).

Function:

Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment. Causes reduced proliferation of B-lymphocytes.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Tissue Specificity:

Expressed in spleen, thymus, colon and peripheral blood lymphocytes. Detected in myeloid and B-lymphoid cell lines. Isoform 2 and isoform 3 are expressed in malignant Hodgkin lymphoma cells called Hodgkin and Reed-Sternberg (HRS) cells.

Post-translational modifications:

N-glycosylated.

Similarity:

Contains 10 C-type lectin domains.
Contains 1 fibronectin type-II domain.
Contains 1 ricin B-type lectin domain.

SWISS:

O60449

Gene ID:

4065

Database links:

[Entrez Gene: 100526664](#)Human

[Entrez Gene: 4065](#)Human

[Entrez Gene: 17076](#)Mouse

[Omim: 604524](#)Human

[SwissProt: O60449](#)Human

[SwissProt: Q60767](#)Mouse

[Unigene: 153563](#)Human

[Unigene: 2074](#)Mouse

Important Note:

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

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