



Rabbit Anti-DCIR antibody

SL2564R

Product Name:	DCIR
Chinese Name:	C型凝集素结构域家族4成员A抗体
Alias:	C type (calcium dependent carbohydrate recognition domain) lectin superfamily member 6; C type lectin; C type lectin DDB27; C type lectin superfamily 6; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 6; C-type lectin superfamily member 6; C-type lectin DDB27; C-type lectin domain family 4 member A; C-type lectin domain family 4, member A; C-type lectin domain family 4, member a2; C-type lectin superfamily member 6; CLC4A_HUMAN; Clec4a; Clec4a2; CLECSF6; DCIR; Dcir1; DDB27; Dendritic cell immunoreceptor; HDCGC13P; Lectin like immunoreceptor; Lectin, C-type, superfamily member 6; Lectin-like immunoreceptor; LLIR.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Guinea Pig,
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:	27kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DCIR:151-237/237<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:	<p>This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in inflammatory and immune response. Multiple transcript variants encoding distinct isoforms have been identified for this gene. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. [provided by RefSeq, Jul 2008]</p> <p>Function: May be involved in regulating immune reactivity. May play a role in modulating dendritic cells (DC) differentiation and/or maturation. May be involved via its ITIM motif (immunoreceptor tyrosine-based inhibitory motifs) in the inhibition of B-cell-receptor-mediated calcium mobilization and protein tyrosine phosphorylation.</p> <p>Subunit: May interact with PTPN6 via its ITIM motif.</p> <p>Subcellular Location: Membrane; Single-pass type II membrane protein.</p> <p>Tissue Specificity: Expressed in dendritic cells, myeloid cells, B-cells and HL-60 cells (at protein level). TNF alpha, IL-1 alpha, and LPS, down-regulated expression at the surface of neutrophils (at protein level). Expressed preferentially in hematopoietic tissues. Expressed in peripheral blood leukocytes, neutrophils, moderate quantities in spleen, lymph node, and bone marrow, and at very low levels in thymus. Expressed in Ag-presenting cells (DC, monocytes, macrophages and B-cells), as well as on granulocytes. Expression was decreased in DC by signals inducing its maturation (e.g. CD40 ligand, LPS, and TNF alpha).</p> <p>Similarity: Contains 1 C-type lectin domain.</p> <p>SWISS: Q9UMR7</p> <p>Gene ID: 50856</p> <p>Database links: Entrez Gene: 50856Human</p>

[Omim: 605306](#)Human

[SwissProt: Q9UMR7](#)Human

[Unigene: 504657](#)Human

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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