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DCL-1 Polyclonal Antibody

Catalog # AP73656

Product Information

Application	WB, E
Primary Accession	Q8IX05
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26183

Additional Information

Gene ID	9936
Other Names	CD302; CLEC13A; DCL1; KIAA0022; CD302 antigen; C-type lectin BIMLEC; C-type lectin domain family 13 member A; DEC205-associated C-type lectin 1; Type I transmembrane C-type lectin receptor DCL-1; CD302
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

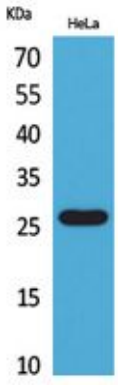
Name	CD302
Synonyms	CLEC13A, DCL1, KIAA0022
Function	Multifunctional C-type lectin receptor involved in endocytosis, phagocytosis and regulation of cell adhesion and migration (PubMed:17947679, PubMed:27316686). Plays a critical role in guiding dendritic cells to lymph nodes (PubMed:27316686). Also functions as a restriction factor for Hepatitis C virus (HCV) at the liver cell surface, likely by inhibiting a viral cell entry step (PubMed:35297672).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell projection, filopodium. Cytoplasm, cell cortex. Cell projection, microvillus. Note=Colocalizes with F-actin in filopodia, cellular cortex and microvilli of the apical cell surface
Tissue Location	Expressed at moderate levels in monocytes, myeloid blood dendritic cells and granulocytes and at low levels in plasmacytoid blood dendritic cells,

monocyte-derived macrophages and monocyte-derived dendritic cells, with no expression detected in T- lymphocytes, B-lymphocytes and natural killer cells (at protein level) Expressed widely in different tissues, with highest expression levels in liver, lung, peripheral blood leukocytes and spleen, and lowest levels in neuronal tissues, skeletal muscle and ovary. Isoform 2 and isoform 3 are expressed in malignant Hodgkin lymphoma cells called Hodgkin and Reed-Sternberg (HRS) cells.

Background

Potential multifunctional C-type lectin receptor that may play roles in endocytosis and phagocytosis as well as in cell adhesion and migration.

Images



Western Blot analysis of HeLa cells using DCL-1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.