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DCL-1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6522c

Specification

DCL-1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q8IX05

DCL-1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 9936

Other Names
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, CD302, CLEC13A, DCL1, KIAA0022

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6522c was selected from the Center region of human DCL-1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DCL-1 Antibody (Center) Blocking Peptide - Protein Information

Name CD302

Synonyms CLEC13A, DCL1, KIAA0022

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

Cellular Location
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 ma crophages 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.

DCL-1 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

DCL-1 Antibody (Center) Blocking Peptide - Images

DCL-1 Antibody (Center) Blocking Peptide - Background

CD302 is a C-type lectin receptor involved in cell adhesion and migration, as well as endocytosis and phagocytosis.

DCL-1 Antibody (Center) Blocking Peptide - References

Kato,M., J. Immunol. 179 (9), 6052-6063 (2007)