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## DCL-1 Rabbit pAb

Catalog Number: bs-13760R

Target Protein: DCL-1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Dog, Horse)

Predicted MW: 26 kDa

Entrez Gene: 9936

Swiss Prot: Q8IX05

Source: KLH conjugated synthetic peptide derived from human DCL-1: 51-150/232.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** DCL-1 is a 232 amino acid single-pass type I membrane protein involved in endocytosis, phagocytosis and cell adhesion and migration. A C-type lectin receptor, DCL-1 is widely expressed with highest levels found in peripheral blood, myeloid and B lymphoid cell lines, liver, ovary and lung. DCL-1 undergoes alternative splicing to produce three isoforms designated DCL-1 isoform 1, isoform 2 (also known as fusion protein variant V34-2) and isoform 3 (also designated fusion protein variant V33-2). DCL-1 isoforms 2 and 3 are produced in malignant lymphoma cells, known as Hodgkin and Reed-Sternberg (HRS) cells. DCL-1 contains one C-type lectin domain and is encoded by a gene that maps to human chromosome 2q24.2. A number of genetic diseases are linked to genes on chromosome 2 including Harlequin ichthyosis, sitosterolemia and Alström syndrome.