

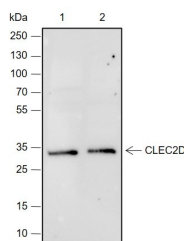
Recombinant CLEC2D Monoclonal Antibody

catalog number: AN301970L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant human CLEC2D fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C331591
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western Blot with CLEC2D Monoclonal Antibody at dilution of 1:1000. Lane 1: U87-MG, Lane 2: Saos2

Observed-MW:25-35 kDa

Calculated-MW:22 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

C-type lectin domain family 2 member D (CLEC2D), also known as lectin-like transcript 1 (LLT1) and osteoclast inhibitory lectin (OCIL), is a type II transmembrane C-type lectin receptor primarily expressed upon immune cell activation in T cells, B cells, NK cells, and plasmacytoid and monocyte-derived dendritic cells. CLEC2D interacts with NKR-P1A (KLRB1, CD161) on NK cells and some subsets of T cells, inhibiting NK cell cytotoxicity while alternatively inducing proliferation and IFN γ production in T cells. CLEC2D is also expressed by osteoblasts, inhibiting osteoclast formation and bone resorption.

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