

Anti-CLEC2D Antibody

Catalog Number: A06635-1

About CLEC2D

CLEC2D (C-type lectin domain family 2 member D), also known as LLT1 (lectin-like transcript 1) or OCIL (Osteoclast inhibitory lectin), is a single-pass type II membrane protein expressed by hematopoietic cells and osteoblasts (PMID: 21930700; 14753741). Its expression was found to be tightly correlated with activation on T cells, NK cells, B cells, and DCs (PMID: 21930700). CLEC2D is a ligand for the human NKR-P1A (CD161) receptor and their interaction differentially regulates NK- and T-cell functions (PMID: 16339513, 16339512). It inhibits the formation and function of osteoclasts and modulates the release of interferon-gamma by human NK cells (PMID:14753741; 20415786).

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Overview

Product Name	Anti-CLEC2D Antibody
Reactive Species	Human
Description	Boster Bio Anti-CLEC2D Antibody catalog # A06635-1. Tested in WB, ELISA applications. This antibody reacts with Human.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9UHP7

Technical Details

Immunogen	E.coli-derived human CLEC2D recombinant protein (Position: D3-W151).
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Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 ELISA, 1:100-1000

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