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Product Information

Recombinant Human Anti-Human LLT1 Monoclonal Antibody

Cat. No.: **HOM-19389**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant humanized antibody expressed in CHO binding to human LLT1.

Antigen Description

C-type lectin domain family 2 member D is a protein that in humans is encoded by the CLEC2D gene. This gene encodes a member of the natural killer cell receptor C-type lectin family. The encoded protein inhibits osteoclast formation and contains a transmembrane domain near the N-terminus as well as the C-type lectin-like extracellular domain. Several alternatively spliced transcript variants have been identified, but the full-length nature of every transcript has not been defined. CLEC2D encodes the gene for the Lectin Like Transcript-1 (LLT1) protein which is a functional ligand for the human NKR-P1A receptor, encoded by the KLRB1 gene.

Target

CLEC2D

Species Reactivity

Human

Type

Human IgG

Expression Host

CHO

Clone

Monoclonal

Purity

>95.0% as determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

ELISA, WB, IHC, FCM, IP, IF. Optimal dilutions/concentrations should be determined by the end user.

Molecular Weight

145.41 kDa

Stability

Samples are stable for up to twelve months from date of receipt at - 20°C and are stable for six months at 4 °C.

Storage

Store it under sterile conditions at -20 °C upon receiving. Recommend to pack the antibody into smaller quantities for optimal storage.

Ship

2-8°C, BLUE ICE

ANTIGEN GENE INFOMATION

Gene Name

CLEC2D C-type lectin domain family 2, member D [Homo sapiens]

Official Symbol

CLEC2D

Synonyms

CLEC2D; C-type lectin domain family 2, member D; C type lectin superfamily 2, member D; C-type lectin domain family 2 member D; C type lectin related f; CLAX; lectin like transcript 1; LLT1; OCIL; LLT-1; C-type lectin related f; lectin-like transcript 1; lectin-like NK cell receptor; osteoclast inhibitory lectin; C-type lectin superfamily 2, member D;

Gene ID

29121

mRNA Refseq

NM_001004419

Protein Refseq

NP_001004419

MIM

605659

UniProt ID

Q9UHP7

Chromosome Location

12p13.31

Function

binding; receptor activity; sugar binding; transmembrane signaling receptor activity;

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