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Anti-CLEC2D / OCIL / LLT1 Antibody (clone 4C7)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17715

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UHP7
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	4C7
Calculated MW	21849
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	29121
Alias Symbol	CLEC2D
Other Names	CLEC2D, C-type lectin related f, CLAX, LLT-1, LLT1, OCIL, Osteoclast inhibitory lectin, Lectin-like NK cell receptor, Lectin-like transcript 1
Target/Specificity	Human CLEC2D
Reconstitution & Storage	Protein A purified
Precautions	Anti-CLEC2D / OCIL / LLT1 Antibody (clone 4C7) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CLEC2D
Synonyms	CLAX, LLT1, OCIL
Function	Receptor for KLRB1 that protects target cells against natural killer cell-mediated lysis (PubMed:16339513, PubMed:20843815). Inhibits osteoclast formation (PubMed:14753741, PubMed:15123656). Inhibits bone resorption (PubMed:14753741). Modulates the release of interferon-gamma (PubMed:15104121). Binds high molecular weight sulfated glycosaminoglycans (PubMed:15123656).
Cellular Location	Cell membrane; Single-pass type II membrane protein [Isoform 4]: Endoplasmic reticulum

Tissue Location	Detected in peripheral blood leukocytes, osteoblasts, lymph node, thymus and spleen. Isoform 1, isoform 2 and isoform 4 are expressed in T- and B-lymphocytes, and at lower levels in NK cells. They are also expressed in B-cell lines and LPS-matured monocyte-derived dendritic cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.