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Goat anti-OCIL Antibody

Peptide-affinity purified goat antibody
Catalog # AF4513a

Product Information

Application	WB, IHC, IF, FC, Pep-ELISA
Primary Accession	Q9UHP7
Other Accession	NP_037401.1, NP_001004419.1, NP_001184246.1
Reactivity	Human, Dog, Bovine
Host	Goat
Clonality	Polyclonal
Clone Names	CLEC2D
Calculated MW	21849

Additional Information

Gene ID	29121
Other Names	CLEC2D; C-type lectin domain family 2, member D; CLAX; LLT1; OCIL; C-type lectin related f; C-type lectin superfamily 2, member D; lectin-like NK cell receptor; lectin-like transcript 1; osteoclast inhibitory lectin
Dilution	WB~~1:1000 IHC~~1:100~500 IF~~1:50~200 FC~~1:10~50 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Immunogen	This antibody is expected to recognize all isoforms (NP_037401.1; NP_001004419.1; NP_001184246.1).
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-OCIL Antibody 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'.