

Goat anti-OCIL Antibody
Peptide-affinity purified goat antibody
Catalog # AF4513a**Specification**

Goat anti-OCIL Antibody - 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
Calculated MW	21849

Goat anti-OCIL Antibody - 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.

Goat anti-OCIL Antibody - 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.

Goat anti-OCIL Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-OCIL Antibody - Images