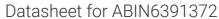
antibodies -online.com





anti-CLEC2D antibody (Internal Region)





Overview

Quantity:	100 μg
Target:	CLEC2D
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CLEC2D antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	OCIL
Sequence:	LLRYKGPSDH
Isotype:	IgG
Specificity:	This antibody is expected to recognize all isoforms (NP_037401.1, NP_001004419.1, NP_001184246.1).
Cross-Reactivity:	Cow, Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

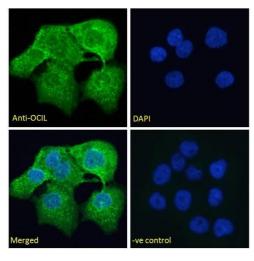
Target Details

g	
Target:	CLEC2D
Alternative Name:	CLEC2D (CLEC2D Products)
Background:	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
Gene ID:	29121
NCBI Accession:	NP_037401, NP_001004419, NP_001184246
Pathways:	Regulation of Leukocyte Mediated Immunity
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Tonsil and Placenta. Recommended
	concentration: 3.75 μg/mL.
	Western Blot: Approx 30-35 kDa band observed in lysates of histiocytic lymphoma cell line
	U937 (calculated MW of 22.3 kDa according to NP_001004419.1). This molecular weight is
	routinely observed by other sources. Recommended concentration: 0.3-1 μg/mL. Pr
	Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 cells.
	Recommended concentration: 10µg/ml.
	Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended concentration:
	10ug/ml
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum
	albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

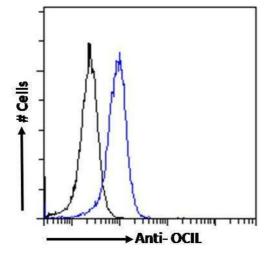
Storage:	-20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images







Immunofluorescence

Image 1. ABIN6391372 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic/membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Western Blotting

Image 2. ABIN6391372 (0.3μg/ml) staining of U937 cell lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.

Flow Cytometry

Image 3. ABIN6391372 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN6391372.