Immunoway
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CD371 (PN0383) Nb-FC recombinant antibody

Catalog No :	YA0334
Reactivity :	Human
Applications :	ELISA
Target :	CD371
Gene Name :	CLEC12A CLL1 DCAL2 MICL
Protein Name :	C-type lectin domain family 12 member A (C-type lectin-like molecule 1) (CLL-1) (Dendritic cell-associated lectin 2) (DCAL-2) (Myeloid inhibitory C-type lectin-like receptor) (MICL) (CD antigen CD371)
Human Gene Id :	160364
Human Swiss Prot No :	Q5QGZ9
Immunogen :	Purified recombinant Human CD371
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD371 protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Background :	CD371 (CLEC12A), also known as DCAL-2, MICL or CLL-1, is a 30 kD type II transmembrane protein with extracellular C-type lectin domains, belonging to the

C-type lectin family. It is expressed on monocytes, granulocytes, NK cells, and basophils. Its cytoplasmic ITIM motif modulates signaling cascades and is involved in phosphorylation of tyrosine residues in MAP kinases.

Function : Cell surface receptor that modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases.

Subcellular Location : Cell membrane ; Single-pass type II membrane protein . Ligand binding leads to internalization.

Expression : Detected in normal myeloid cells and in acute myeloid leukemia cells. Detected in neutrophils, eosinophils, monocytes and dendritic cells. Detected in spleen macrophage-rich red pulp and in lymph node (at protein level). Detected in peripheral blood leukocytes, dendritic cells, bone marrow, monocytes, mononuclear leukocytes and macrophages.

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