



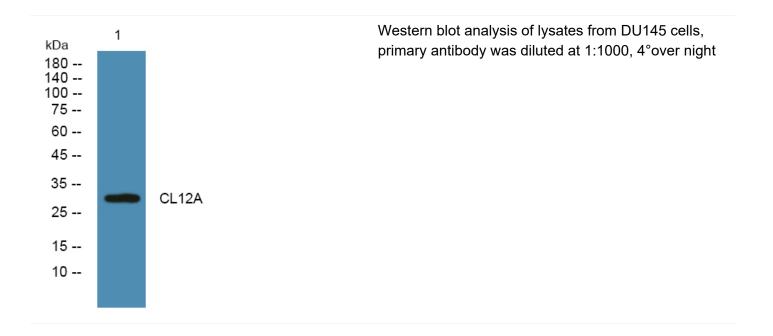
CL12A Polyclonal Antibody

Catalog No	BYab-06837
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
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)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CL12A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	29kD
Cell Pathway	Cell membrane ; Single-pass type II membrane protein . Ligand binding leads to internalization.
Tissue Specificity	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.
Function	domain:Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.,function:Cell surface receptor that modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases.,function:Cell surface receptor that protects target cells against natural killer cell-mediated lysis. Modulates signaling

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	cascades and mediates tyrosine phosphorylation of target MAP kinases.,induction:Down-regulated in activated leukocytes recruited to a site of inflammation.,PTM:Highly N-glycosylated. Glycosylation varies between cell types.,similarity:Contains 1 C-type lectin domain.,subcellular location:Ligand binding leads to internalization.,subunit:Homodimer. Interacts with PTPN6 a
Background	This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. The protein encoded by this gene is a negative regulator of granulocyte and monocyte function. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. This gene is closely linked to other CTL/CTLD superfamily members in the natural killer gene complex region on chromosome 12p13. [provided by RefSeq, May 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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