



CLC5A Polyclonal Antibody

Catalog No	YP-Ab-07015
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	CLEC5A CLECSF5 MDL1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CLC5A 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	CLECSF5;MDL-1;MDL1;Ly100;CLC5A_HUMAN;CLEC5A;C-type lectin superfamily member 5;Myeloid DAP12-associating lectin 1 (MDL-1); CLC5A_MOUSE;CLC5A;CLEC5A CLECSF5 MDL1;C-type lectin domain family 5 member A (C-type lectin superfamily member 5) (Myeloid DAP12-associating lectin 1) (MDL-1)
Observed Band	20kD
Calculated Molecular Weight	20kD
Cell Pathway	Cell membrane ; Single-pass type II membrane protein .
Tissue Specificity	Highly expressed in bone marrow with lower levels in synovium, lung and bronchus (PubMed:20212065). Expressed in peripheral blood monocytes and in the monocyte/macrophage cell lines U-937 and Mono-Mac-6, but not in cell lines of other origins (PubMed:10449773). Expression is down-regulated when monocytes differentiate into dendritic cells (PubMed:10449773).
Function	function:May be involved in proinflammatory activation of myeloid cells via TYROBP-mediated signaling in a calcium-dependent manner.,online information:MDL-1,similarity:Contains 1 C-type lectin domain.,subunit:Interacts with TYROBP.,tissue specificity:Expressed in peripheral blood monocytes and in the monocyte/macrophage cell lines U937 and MonoMac6, but not in cell lines



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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 signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type II transmembrane protein interacts with dnax-activation protein 12 and may play a role in cell activation. Alternative splice variants have been described but their full-length sequence has not been determined. [provided by RefSeq, Jul 2008],

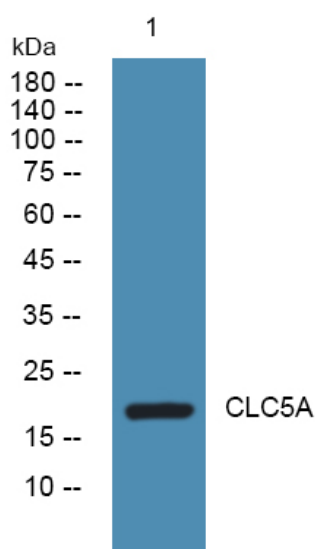
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night