

## CLC5A Polyclonal Antibody

<b>Catalog No :</b>	YN2153
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CLC5A
<b>Gene Name :</b>	CLEC5A CLECSF5 MDL1
<b>Protein Name :</b>	C-type lectin domain family 5 member A (C-type lectin superfamily member 5) (Myeloid DAP12-associating lectin 1) (MDL-1)
<b>Human Gene Id :</b>	23601
<b>Human Swiss Prot No :</b>	Q9NY25
<b>Mouse Swiss Prot No :</b>	Q9R007
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	CLC5A Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	20kD

## 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],

## 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 of other origins. Expression is down-regulated when monocytes differentiate into dendritic cells.,

## Subcellular Location :

Cell membrane ; Single-pass type II membrane protein .

## Expression :

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).

## Sort :

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