



# CLC1B Polyclonal Antibody

<b>Catalog No</b>	BYab-07048
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CLEC1B CLEC2 UNQ721/PRO1384
<b>Protein Name</b>	C-type lectin domain family 1 member B (C-type lectin-like receptor 2) (CLEC-2)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	CLC1B 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>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	25kD
<b>Cell Pathway</b>	Membrane ; Single-pass type II membrane protein .
<b>Tissue Specificity</b>	Expressed preferentially in the liver. Also expressed in immune cells of myeloid origin and on the surface of platelets.
<b>Function</b>	function:Acts as a receptor for the platelet-aggregating snake venom protein rhodocytin. Rhodocytin binding leads to tyrosine phosphorylation and this promotes the binding of spleen tyrosine kinase (Syk) and initiation of downstream tyrosine phosphorylation events and activation of PLC-gamma-2. Acts as an attachment factor for human immunodeficiency virus type 1 (HIV-1) and facilitates its capture by platelets.,online information:CLEC-2,PTM:Glycosylated.,PTM:Phosphorylated on tyrosine residue in response to rhodocytin binding.,similarity:Contains 1 C-type lectin domain.,subunit:Monomer.,tissue specificity:Expressed preferentially in the liver. Also expressed in immune cells of myeloid origin and on the surface of platelets.,

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**Background**

Natural killer (NK) cells express multiple calcium-dependent (C-type) lectin-like receptors, such as CD94 (KLRD1; MIM 602894) and NKG2D (KLRC4; MIM 602893), that interact with major histocompatibility complex class I molecules and either inhibit or activate cytotoxicity and cytokine secretion. CLEC2 is a C-type lectin-like receptor expressed in myeloid cells and NK cells (Colonna et al., 2000 [PubMed 10671229]).[supplied by OMIM, Jan 2011],

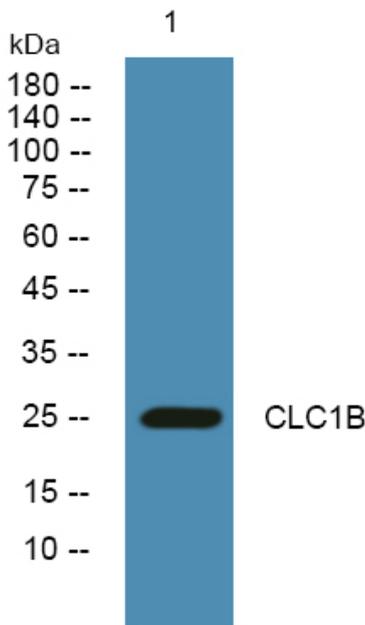
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

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

**Products Images**



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night