ELK Biotechnology

CD179b rabbit pAb

Cat No.:ES1898

For research use only

Overview

Product Name	CD179b rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CD179b. AA range:26-75
Specificity	CD179b Polyclonal Antibody detects endogenous levels of CD179b protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Immunoglobulin lambda-like polypeptide 1
Gene Name	IGLL1/IGLC1/IGLC2/IGLC3/IGLC6/IGLC7
Cellular localization	Endoplasmic reticulum . Secreted . In pre-B cells, localizes predominantly to the endoplasmic reticulum. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	23kD
Human Gene ID	3543
Human Swiss-Prot Number	P15814/P0CG04/P0CG05/P0CG06/P0CF74/A0M8Q6
Alternative Names	IGLL1; IGL1; Immunoglobulin lambda-like polypeptide 1; CD179 antigen-like family member B; Ig lambda-5; Immunoglobulin omega polypeptide; Immunoglobulin-related protein 14.1; CD antigen CD179b; IGLC1; Ig lambda-1 chain C regions; IGLC2; Ig

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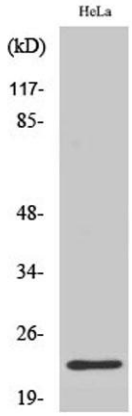
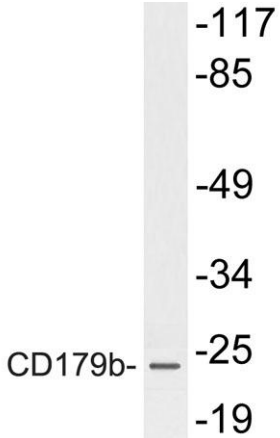
Background

immunoglobulin lambda like polypeptide 1(IGLL1) Homo sapiens The preB cell receptor is found on the surface of proB and preB cells, where it is involved in transduction of signals for cellular proliferation, differentiation from the proB cell to the preB cell stage, allelic exclusion at the Ig heavy chain gene locus, and promotion of Ig light chain gene rearrangements. The preB cell receptor is composed of a membrane-bound Ig mu heavy chain in association with a heterodimeric surrogate light chain. This gene encodes one of the surrogate light chain subunits and is a member of the immunoglobulin gene superfamily. This gene does not undergo rearrangement. Mutations in this gene can result in B cell deficiency and agammaglobulinemia, an autosomal recessive disease in which few or no gamma globulins or antibodies are made. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using CD179b Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysate from HeLa cells, using CD179b antibody.

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