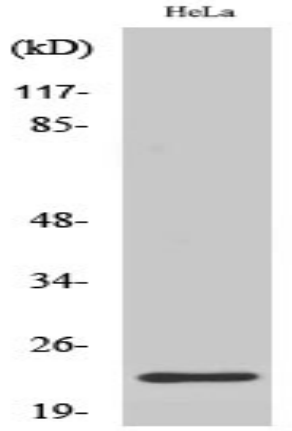
Best Tools for immunology Research

CD179b Polyclonal Antibody

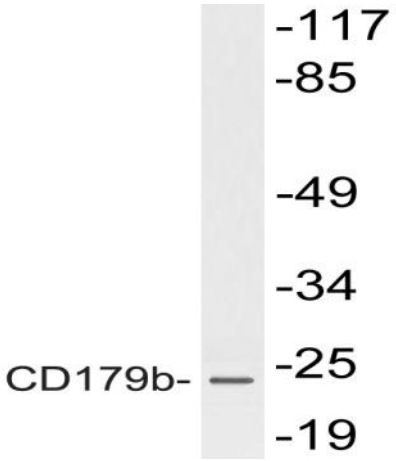
Catalog No :	YT0734
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	CD179b
Fields :	>>Primary immunodeficiency
Gene Name :	IGLL1/IGLC1/IGLC2/IGLC3/IGLC6/IGLC7
Protein Name :	Immunoglobulin lambda-like polypeptide 1
Human Gene Id :	3543
Human Swiss Prot No :	P15814/P0CG04/P0CG05/P0CG06/P0CF74/A0M8Q6
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	23kD

Cell Pathway :	Primary immunodeficiency;
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],
Function :	disease:Defects in IGLL1 are a cause of autosomal recessive non-Bruton type agammaglobulinemia [MIM:601495]. It is characterized by agammaglobulinemia and markedly reduced numbers of B cells.,online information:IGLL1 mutation db,similarity:Contains 1 Ig-like C1-type (immunoglobulin-like) domain.,subunit:Associates non-covalently with VPREB1.,tissue specificity:Expressed only in pre-B-cells and a special B-cell line (which is surface Ig negative).,
Subcellular Location :	Endoplasmic reticulum . Secreted . In pre-B cells, localizes predominantly to the endoplasmic reticulum. .
Expression :	Expressed only in pre-B-cells and a special B-cell line (which is surface Ig negative).
Sort :	3429
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



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.