BT LAB
Bioassay Technology Laboratory
Optimize Your Research

CD179b Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01386
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD179b. AA range:26-75
Mol wt	22963
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	CD179b Antibody
Synonyms	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;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. IGLL1 does not undergo rearrangement. Mutations in IGLL1 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 IGLL1.

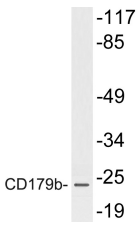
Recommended Dilution

WB: 1: 500 - 1: 2000

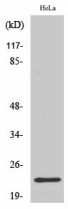
ELISA: 1: 10000

Not yet tested in other applications.

Images



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



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

Storage

-20°C for one year

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