

Anti-Human CD179b Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02539

3th Edition

Description: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. IGLL1 (Immunoglobulin Lambda Like Polypeptide 1) is a Protein Coding gene. Diseases associated with IGLL1 include Agammaglobulinemia 2 and Agammaglobulinemia, Non-Bruton Type. Among its related pathways are Cell surface interactions at the vascular wall and Primary immunodeficiency. An important paralog of this gene is IGLL5.

Antigen:Synthesized peptide derived from the N-terminal region of human CD179b.

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Expressed only in pre-B-cells and a special B-cell line (which is surface Ig negative).1 Publication