Anti-Human CD179b-158Gd

Catalog #: 3158016B  
Clone: HSL11  
Package Size: 100 tests  
Storage: Store product at 4°C. Do not freeze.  
Cross Reactivity: Rhesus  
Isotype: Mouse IgG1  
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 × 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

CD179b, also known as λ5, is an 22 kDa protein that combines with CD179a (VpreB) to form the immunoglobulin surrogate light chain. Through the successful rearrangement of heavy chain genes, pro-B cells undergo differentiation into pre-B cells and start to express a premature antigen receptor, namely the pre-B-cell receptor (pre-BCR), consisting of µ, CD179a/b and the Igα/Igβ heterodimer. Upon further differentiation from pre-B cells to B cells, CD179a/b disappear and are replaced with conventional light chain.

References


Contact Information:

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