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Anti-CD79b Reference Antibody (polatuzumab)

Recombinant Antibody
Catalog # APR10098

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P40259
Reactivity	Rat, Pig, Macaque, Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	26048

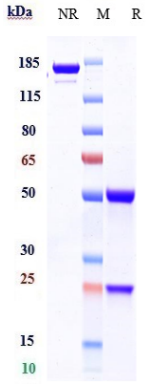
Additional Information

Target/Specificity	CD79b
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

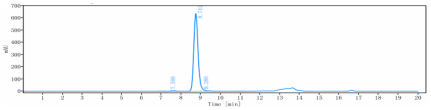
Protein Information

Name	CD79B
Synonyms	B29, IGB
Function	Required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Enhances phosphorylation of CD79A, possibly by recruiting kinases which phosphorylate CD79A or by recruiting proteins which bind to CD79A and protect it from dephosphorylation.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Note=Following antigen binding, the BCR has been shown to translocate from detergent-soluble regions of the cell membrane to lipid rafts although signal transduction through the complex can also occur outside lipid rafts.
Tissue Location	B-cells.

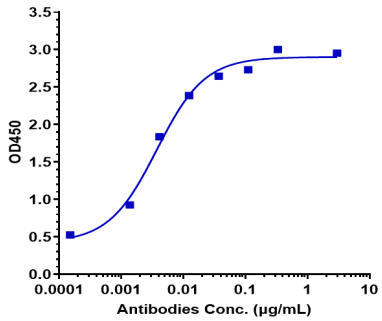
Images



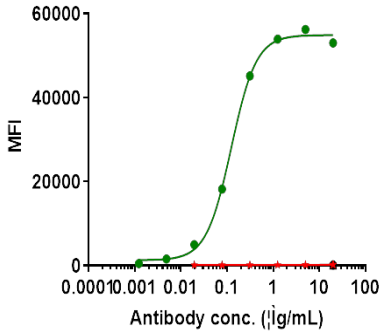
Anti-CD79b Reference Antibody (polatuzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-CD79b Reference Antibody (polatuzumab) is 98.12%, determined by SEC-HPLC.



Immobilized human CD79b His at 16 ug/mL can bind Anti-CD79b Reference Antibody (polatuzumab), EC50=0.003729 ug/mL.



Daudi Cell Line were stained with Anti-CD79b Reference Antibody (polatuzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS,The EC50 is 0.1237 μg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.