10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq)

Recombinant Antibody
Catalog # APR10180

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P40259
Reactivity	Human
Clonality	ADC
Isotype	IgG1
Calculated MW	26048

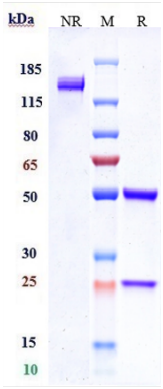
Additional Information

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

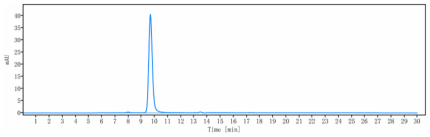
Protein Information

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.

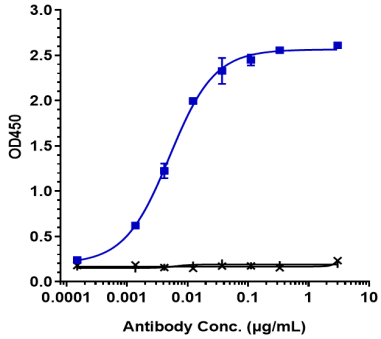
Images



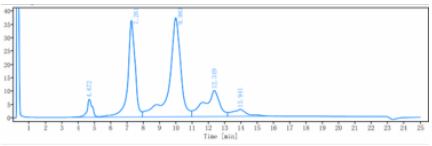
Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.



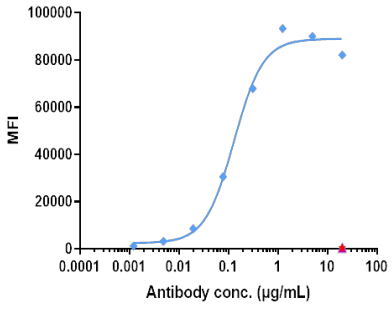
The purity of Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) is more than 95%, determined by SEC-HPLC.



Immobilized human CD79b, His Tag at 2 ug/mL can bind Anti-CD79b Reference Antibody (Polatuzumab vedotin-piiq), EC50 is 0.005029 ug/mL.



The drug-to-antibody ratio (DAR) of the Anti-CD79b Reference Antibody (Polatuzumab vedotin-piiq) is 3.8.



Human CD79b HEK293 Cell Line were stained with Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) and negative control protein respectively, washed and then followed by PE and analyzed with FACS,The EC50 is 0.13 μg/mL.

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