

**Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq)
Recombinant Antibody
Catalog # APR10180****Specification**

Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) - Product Information

Application	E, FC, FTA
Primary Accession	P40259
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150.53 KDa

Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) - Additional Information**Target/Specificity**
CD79b**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
MMAE**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Storage**
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) - 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

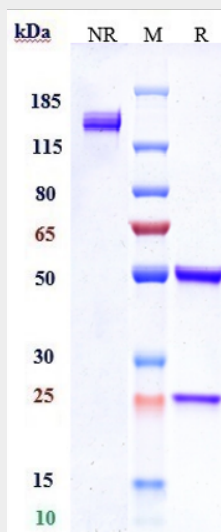
B-cells.

Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) - Protocols

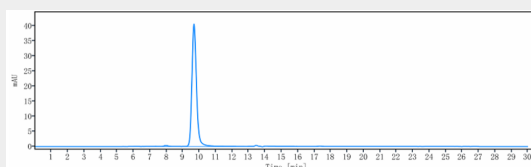
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

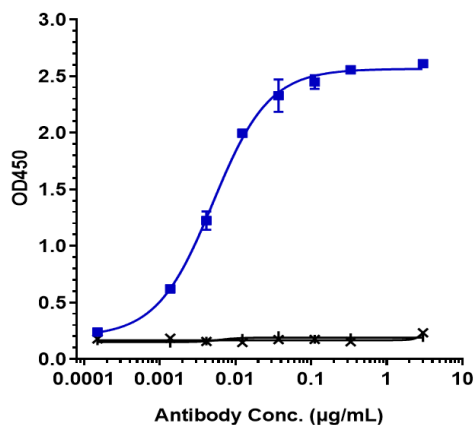
Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) - Images



Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. 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 µg/mL can bind Anti-CD79b Reference Antibody (polatuzumab vedotin-piiq) $EC_{50}=0.005029$ µg/mL