

**Anti-CD79b Reference Antibody (polatuzumab)  
Recombinant Antibody  
Catalog # APR10098****Specification**

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**Anti-CD79b Reference Antibody (polatuzumab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P40259</a>
Reactivity	Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.26 KDa

**Anti-CD79b Reference Antibody (polatuzumab) - Additional Information****Target/Specificity**  
CD79b**Endotoxin**  
< 0.001EU/ µg, determined by LAL method.**Conjugation**  
Unconjugated**Expression system**  
CHO Cell**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.**Anti-CD79b Reference Antibody (polatuzumab) - 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.

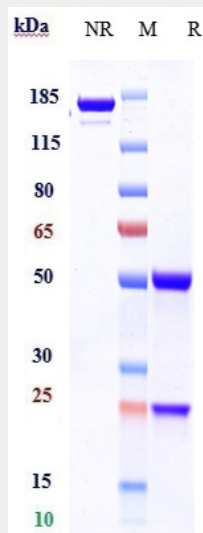
**Tissue Location**  
B-cells.

### Anti-CD79b Reference Antibody (polatuzumab) - Protocols

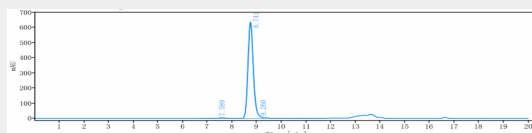
Provided below are standard protocols that you may find useful for product applications.

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

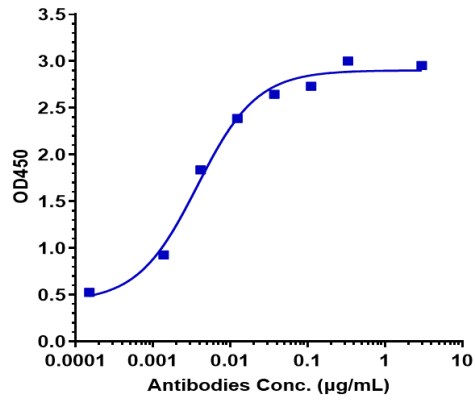
### Anti-CD79b Reference Antibody (polatuzumab) - Images



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



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



Immobilized human CD79b His at16  $\mu\text{g/mL}$  can bind Anti-CD79b Reference Antibody (polatuzumab)  $\square$   $\text{EC}_{50}=0.003729 \mu\text{g/mL}$