

**CD79b Polyclonal Antibody**  
**Catalog # AP73438****Specification****CD79b Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P40259</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**CD79b Polyclonal Antibody - Additional Information****Gene ID** 974**Other Names**

CD79B; B29; IGB; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; Ig-beta; Immunoglobulin-associated B29 protein; CD79b

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.  
IHC-P~~N/A

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**CD79b Polyclonal Antibody - 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.

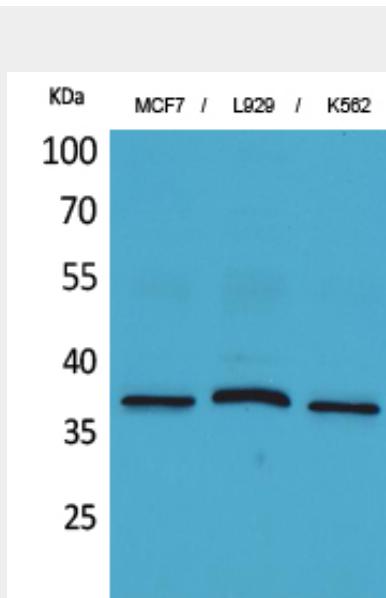
**Tissue Location**

B-cells.

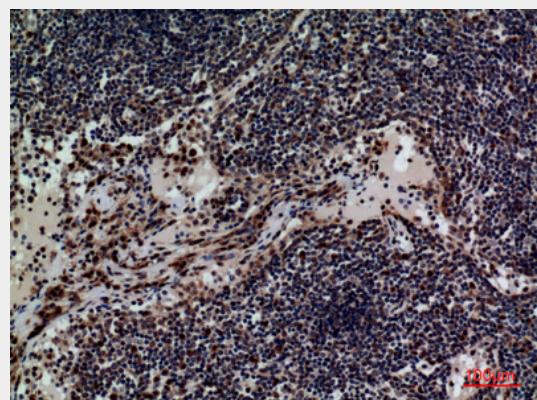
**CD79b Polyclonal Antibody - Protocols**

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

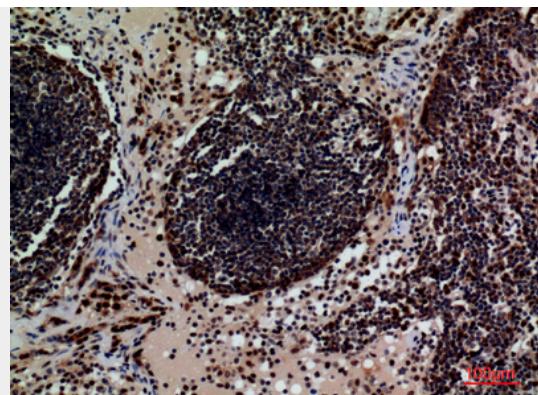
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CD79b Polyclonal Antibody - Images**

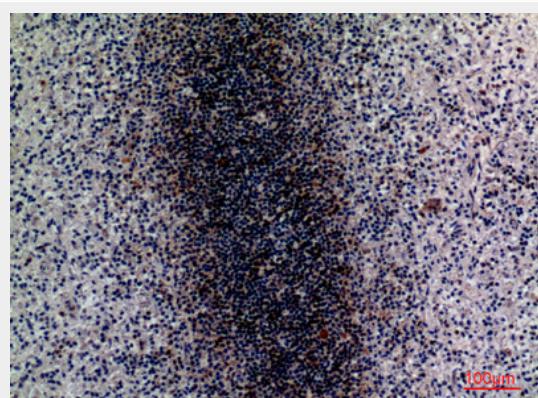
Western Blot analysis of MCF7, L929, K562 cells using CD79b Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



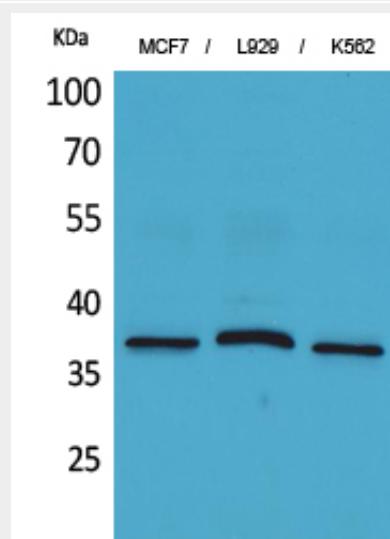
Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:100



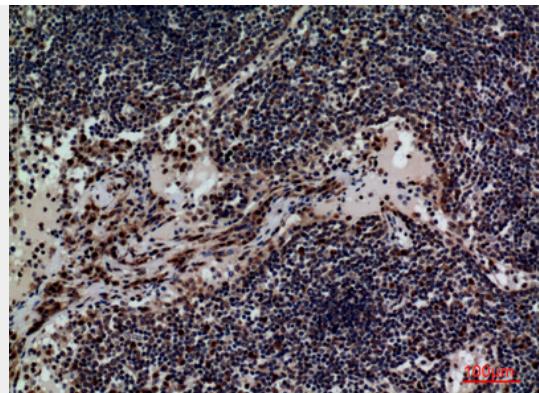
Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:100



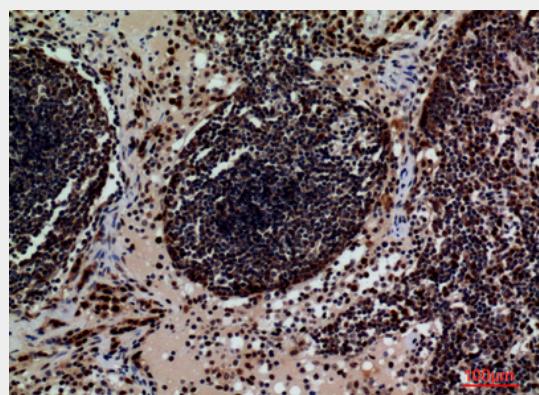
Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:100



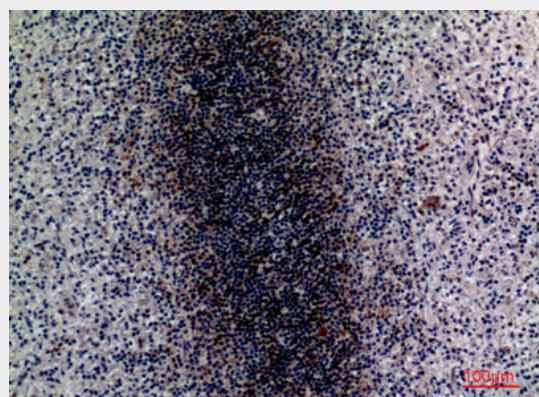
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Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:100



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Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:100

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