

CD79B Antibody (Intracellular, clone AT107-2)
Rat Monoclonal Antibody
Catalog # ALS14919**Specification**

CD79B Antibody (Intracellular, clone AT107-2) - Product Information

Application	WB, IHC-P, E, IP, FC
Primary Accession	P40259
Reactivity	Human, Rat, Pig, Dog
Host	Rat
Clonality	Monoclonal
Calculated MW	26kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A IP~~N/A FC~~1:10~50

CD79B Antibody (Intracellular, clone AT107-2) - Additional Information**Gene ID** 974**Other Names**

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

Target/Specificity

Recognizes an intracellular region of human and mouse CD79b, a cell surface antigen expressed by B lymphocytes. The CD79b molecule (also known as Ig beta and B29) associates with CD79a to form a heterodimer that is covalently linked to surface immuno ...

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

CD79B Antibody (Intracellular, clone AT107-2) is for research use only and not for use in diagnostic or therapeutic procedures.

CD79B Antibody (Intracellular, clone AT107-2) - 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

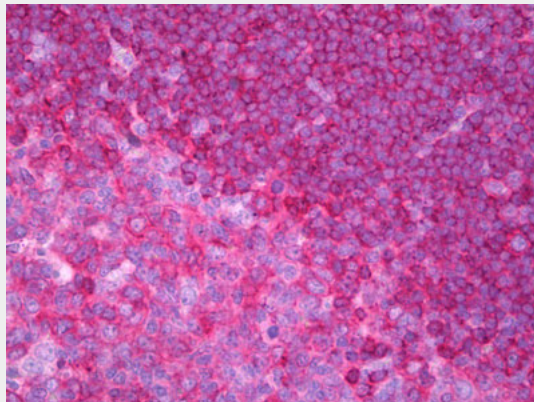
B-cells.

CD79B Antibody (Intracellular, clone AT107-2) - 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 Antibody (Intracellular, clone AT107-2) - Images



Anti-CD79B antibody IHC of human tonsil.

CD79B Antibody (Intracellular, clone AT107-2) - Background

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CD79B Antibody (Intracellular, clone AT107-2) - References

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Wood W.J. Jr., et al. Genomics 16:187-192(1993).
Hashimoto S., et al. J. Immunol. 150:491-498(1993).

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