

Datasheet for ABIN6941273  
**anti-CD79b antibody (AA 29-159)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	CD79b (CD79B)
Binding Specificity:	AA 29-159
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD79b antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Coating (Coat), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant human CD79b protein fragment (around aa29-159) (exact sequence is proprietary)
Clone:	IGB-1842
Isotype:	IgG2b kappa
Purification:	Purified by Protein A/G

## Target Details

Target:	CD79b (CD79B)
Alternative Name:	CD79B ( <a href="#">CD79B Products</a> )
Background:	CD79 (also designated Ig chains, designated CD79B or B29. The B cell antigen receptor

## Target Details

complex (BCR) is formed by the association of CD79 with a membrane immunoglobulin, such as IgM or IgD. The membrane immunoglobulins IgM and IgD achieve surface expression and antigen presentation function in response to CD79 association. The cytoplasmic tails of both CD79A and CD79B contain an ITAM (immuno-receptor tyrosine-based activation) motif, which acts to initiate the BCR signaling reactions by binding to and activating tyrosine kinases.

Molecular Weight: 39kDa

Gene ID: 974

UniProt: [P40259](#)

Pathways: [BCR Signaling](#)

## Application Details

Application Notes: Positive Control: Daudi or Ramos cells. Germinal center B- cells in a lymph node or tonsil (IHC).  
Known Application: ELISA (Use Ab at 2-4 µg/mL for coating) (Order Ab without BSA),  
Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

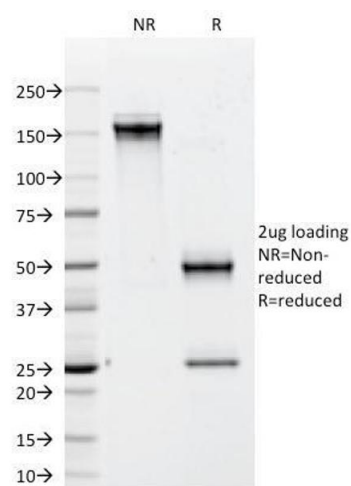
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

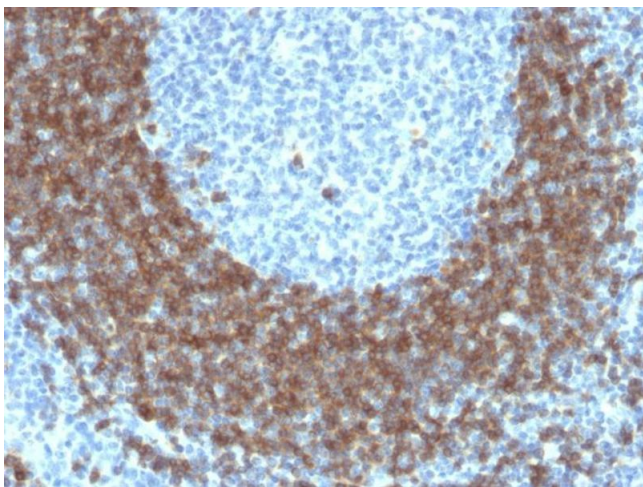
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified CD79b Mouse Monoclonal Antibody (IGB/1842). Confirmation of Integrity and Purity of Antibody.



Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Tonsil stained with CD79b Mouse Monoclonal Antibody (IGB/1842).