

Datasheet for ABIN6941274
anti-CD79b antibody (AA 29-159)

2 Images

[Go to Product page](#)

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:	Western Blotting (WB), ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant human CD79b protein fragment (around aa29-159) (exact sequence is proprietary)
Clone:	IGB-1843
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	CD79b (CD79B)
Alternative Name:	CD79B (CD79B Products)
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.
Known Application: ELISA (Use Ab at 2-4 µg/mL for coating) (Order Ab without BSA), Western Blot (1-2 µg/mL) 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.

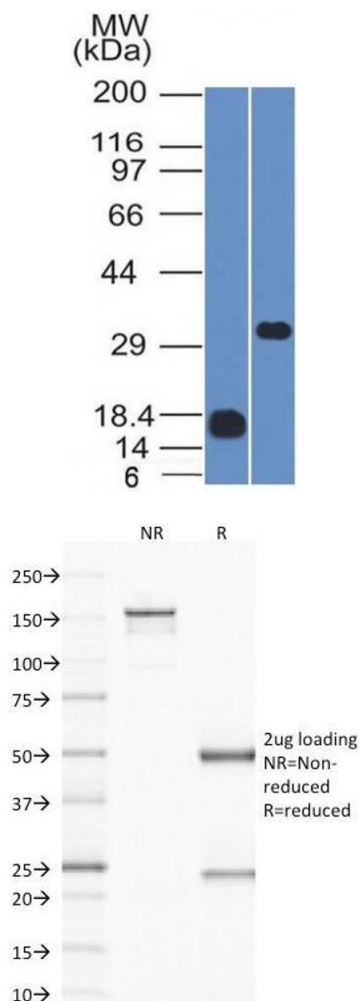
Preservative: Sodium azide

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



Western Blotting

Image 1. Western Blot Analysis (1) Human CD79b recombinant fragment and (2) Raji cell lysate using CD79b Mouse Monoclonal Antibody (IGB/1843).

SDS-PAGE

Image 2. SDS-PAGE Analysis Purified CD79b Mouse Monoclonal Antibody (IGB/1843). Confirmation of Integrity and Purity of Antibody.