

Datasheet for ABIN7265805

anti-CD79a antibody

7 Images

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Overview

Quantity:	100 µL
Target:	CD79a (CD79A)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD79a antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	CD79a Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD79a
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD79a (CD79A)
Alternative Name:	CD79A (CD79A Products)
Background:	The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific

Target Details

component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-alpha protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008],CD79A,IGA,MB-1,CD79a molecule,CD79a,B Cell Receptor Signaling Pathway,Cancer,CDs,Hematopoietic Progenitors,Immunology & Inflammation,Stem Cells,Tumor immunology,CD79A

Molecular Weight: 45-55kDa

Gene ID: 973

UniProt: [P11912](#)

Pathways: [BCR Signaling](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

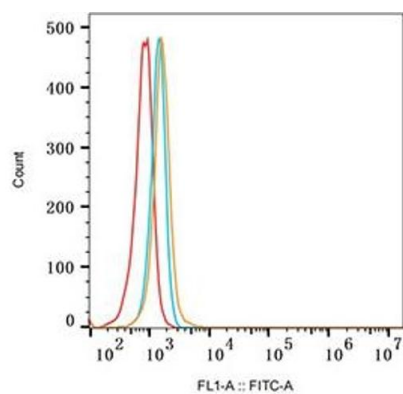
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

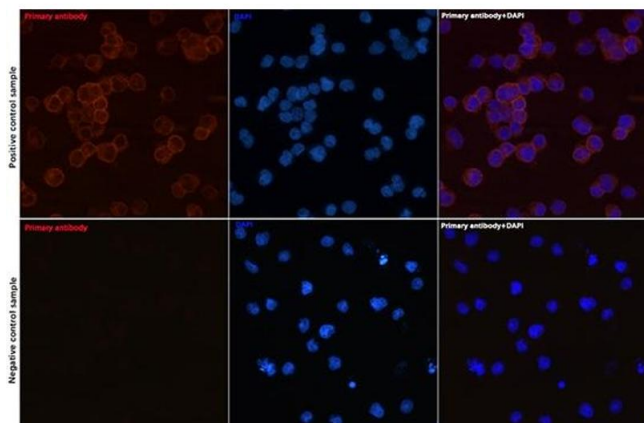
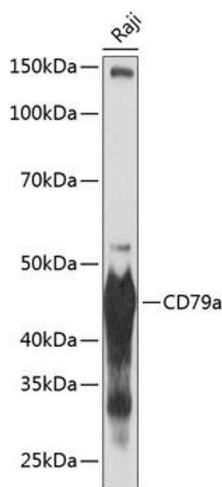
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Sample Name	Subset Name	Count
Jurkat-CD79a mAb fcs	Single Cells	7628
Jurkat-Rabbit isotype control fcs	Single Cells	7002
Jurkat-Blank fcs	Single Cells	8536



Flow Cytometry

Image 1. Flow cytometry: Jurkat cells were stained with Rabbit IgG isotype control (, 10 µg/mL, blue line) or CD79a Rabbit mAb (ABIN7265805, 2.5 µg/mL orange line), followed by FITC conjugated goat anti-Rabbit pAb (1:200 dilution) staining. Non-fluorescently stained Jurkat cells were used as blank control (red line).

Western Blotting

Image 2. Western blot analysis of extracts of Raji cells, using CD79a antibody (ABIN7265805) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.

Immunofluorescence

Image 3. Immunofluorescence analysis of Daudi and Jurkat(Negative sample) cells using CD79a Rabbit mAb (ABIN7265805) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7265805.