

# CD79a Rabbit mAb

Catalog No.: A22452 **Recombinant** **5 Publications**

## Basic Information

### Observed MW

45-55kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IF/ICC,FC,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC51145

## Background

The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific 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.

## Recommended Dilutions

|               |   |
|---------------|---|
| <b>WB</b>     | 1:2000 - 1:10000  |
| <b>IHC-P</b>  | 1:50 - 1:200  |
| <b>IF/ICC</b> | 1:50 - 1:200  |
| <b>FC</b>     | 1:50 - 1:200  |
| <b>ELISA</b>  | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

## Contact

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## Immunogen Information

### Gene ID

973

### Swiss Prot

P11912

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

IGA; MB1; MB-1; IGAalpha; CD79a

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

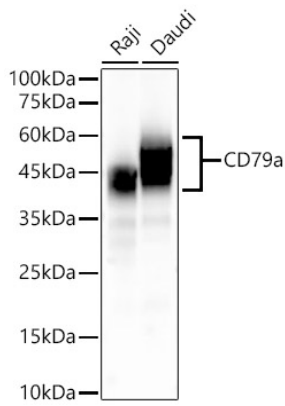
Affinity purification

### Storage

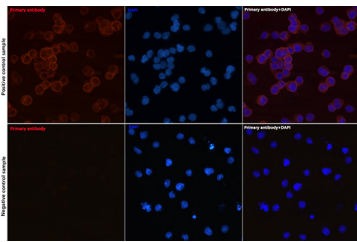
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

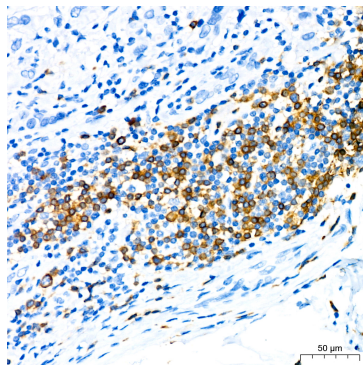
## Validation Data



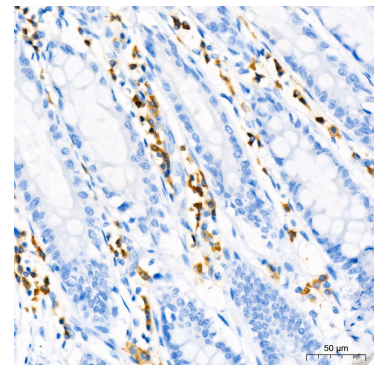
Western blot analysis of various lysates, using CD79a Rabbit mAb (A22452) at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



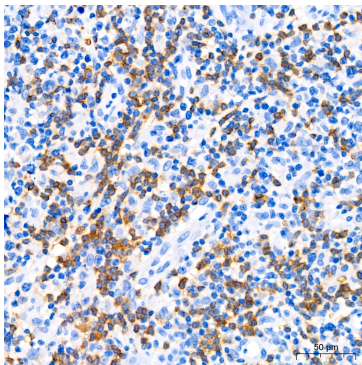
Immunofluorescence analysis of Daudi and Jurkat(Negative sample) cells using CD79a Rabbit mAb (A22452) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



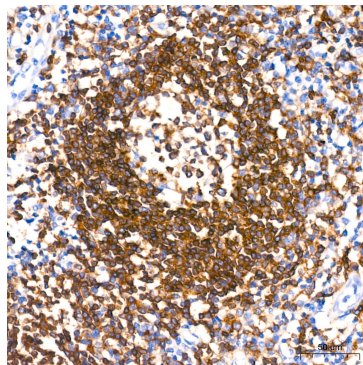
Immunohistochemistry analysis of paraffin-embedded Human breast tissue using CD79a Rabbit mAb (A22452) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using CD79a Rabbit mAb (A22452) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human extranodal NK-T cell lymphoma tissue using CD79a Rabbit mAb (A22452) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using CD79a Rabbit mAb (A22452) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.