

CD79B Monoclonal Antibody

CAB4362

Description

This CD79B Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB4362
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: B29, IGB, AGM6, Igbeta, CD79B
Clone: ARC52688
Applications: **WB** | **IHC-P** | **ELISA** | **IF-P**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 974
Uniprot: -
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 30-50kDa
Calculated MW: 26kDa

Preparation & Storage

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.

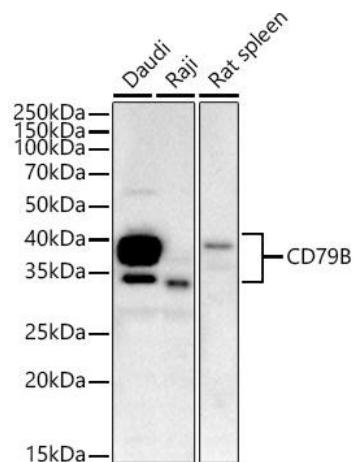
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Daudi, Raji, Rat spleen

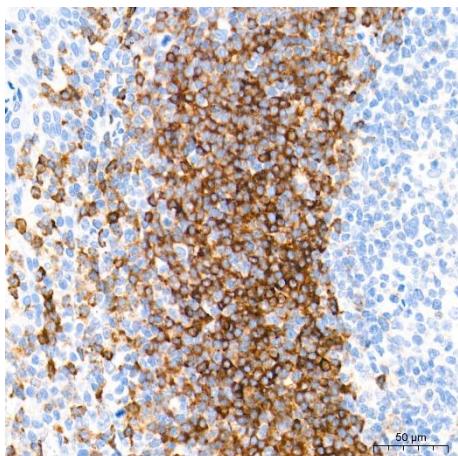
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|-------------------------------|---|-----------|-----------------|-------------|----------------|--------------|----------------|--------------|---|
| Recommended Dilutions: | <table border="1"> <tr> <td>WB</td><td>1:2000 - 1:4000</td></tr> <tr> <td>IF-P</td><td>1:500 - 1:1000</td></tr> <tr> <td>IHC-P</td><td>1:500 - 1:2000</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | WB | 1:2000 - 1:4000 | IF-P | 1:500 - 1:1000 | IHC-P | 1:500 - 1:2000 | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| WB | 1:2000 - 1:4000 | | | | | | | | |
| IF-P | 1:500 - 1:1000 | | | | | | | | |
| IHC-P | 1:500 - 1:2000 | | | | | | | | |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. | | | | | | | | |

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

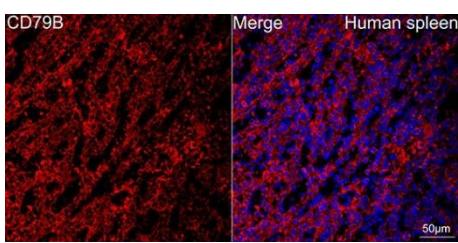
Validation Data



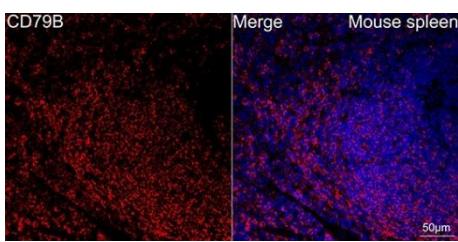
Western blot analysis of various lysates, using CD79B Rabbit mAb (CAB4362) at 1:3600 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using CD79B Rabbit mAb (CAB4362) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of paraffin-embedded Human spleen using CD79B Rabbit mAb (CAB4362, dilution 1:1000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.



Confocal imaging of paraffin-embedded mouse spleen using CD79B Rabbit mAb (CAB4362, dilution 1:1000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.