

CD79A Rabbit mAb

Catalog No.: A29396 **Recombinant**

Basic Information

Observed MW

25-60 kDa

Calculated MW

25 kDa

Category

Primary antibody

Applications

WB,IP,IF-F,IHC-P,ELISA

Cross-Reactivity

Mouse

CloneNo number

ARC4274

Background

Enables transmembrane signaling receptor activity. Involved in B cell differentiation; B cell proliferation; and B cell receptor signaling pathway. Located in external side of plasma membrane; membrane raft; and multivesicular body. Part of B cell receptor complex. Is expressed in liver. Human ortholog(s) of this gene implicated in agammaglobulinemia 3. Orthologous to human CD79A (CD79a molecule).

Recommended Dilutions

WB 1:3000 - 1:15000

IP 0.5 µg - 4 µg antibody for
200 µg - 400 µg extracts of
whole cells

IF-F 1:5000 - 1:20000

IHC-P 1:1000 - 1:4000

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.
For high-ratio antibody
dilutions ($\geq 1:10000$) a
sequential dilution method
is strongly recommended to
ensure measurement
accuracy.

Immunogen Information

Gene ID

12518

Swiss Prot

P11911

Immunogen

This information is considered to be commercially sensitive.

Synonyms

Iga; Ly54; mb-1; Ly-54; Igalpha; Ig-alpha

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

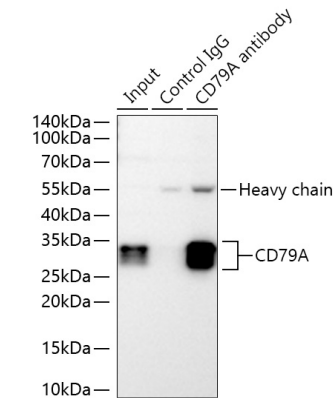
Contact

☎ | 400-999-6126

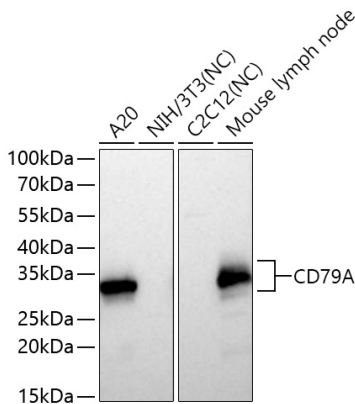
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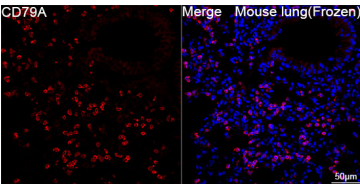
Validation Data



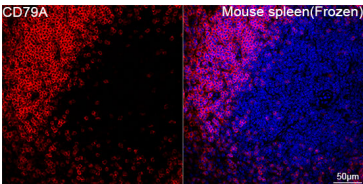
Immunoprecipitation of CD79A from 300 µg extracts of A20 cells was performed using 2 µg of CD79A Rabbit mAb (A29396). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using CD79A Rabbit mAb (A29396) at a dilution of 1:5000.



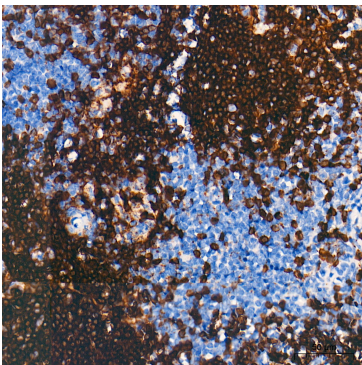
Western blot analysis of various lysates using CD79A Rabbit mAb (A29396) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): NIH/3T3, C2C12. Exposure time: 5 s.



Confocal imaging of frozen sections of Mouse lung tissue using CD79A Rabbit mAb (A29396, dilution 1:8000) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of frozen sections of Mouse spleen tissue using CD79A Rabbit mAb (A29396, dilution 1:8000) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using CD79A Rabbit mAb (A29396) at a dilution of 1:1500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.