

CD20 Rabbit mAb

Catalog No.: A4893 **Recombinant** **6 Publications**

Basic Information

Observed MW

30-50kDa

Calculated MW

33kDa

Category

Primary antibody

Applications

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

Cross-Reactivity

Human

CloneNo number

ARC51683

Background

This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:2000 - 1:10000
IF/ICC	1:800 - 1:3200
FC	1:50 - 1:200
ELISA	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

931

Swiss Prot

P11836

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human CD20 (NP_068769.2).

Synonyms

B1; S7; Bp35; CD20; FMC7; CVID5; LEU-16

Product Information

Source

Rabbit

Isotype

IgG

Purification

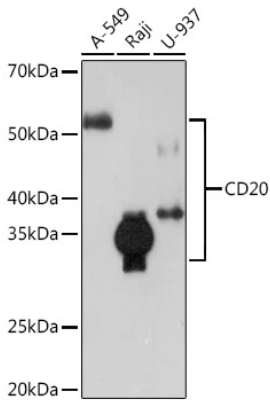
Affinity purification

Storage

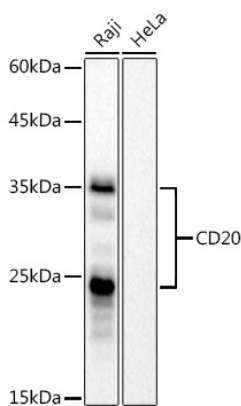
Store at -20°C. Avoid freeze / thaw cycles.

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

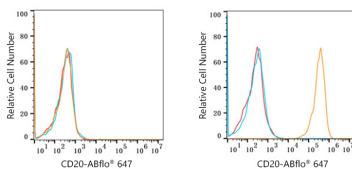
Validation Data



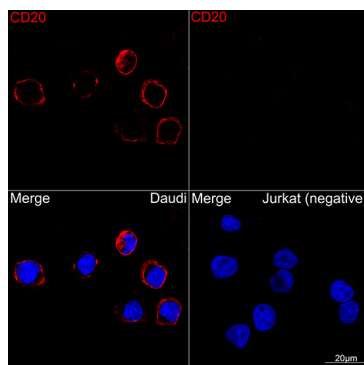
Western blot analysis of various lysates using CD20 Rabbit mAb (A4893) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3min.



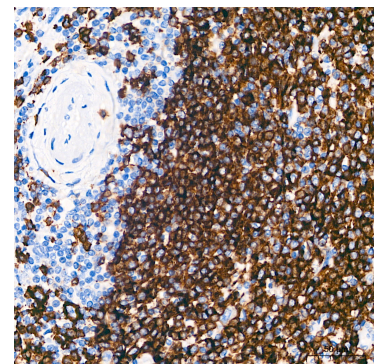
Western blot analysis of various lysates, using CD20 Rabbit mAb (A4893) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): HeLa. Exposure time: 60s.



Flow cytometry: 1×10^6 Jurkat cells (negative control, left) and Daudi cells (right) were surface-stained with CD20 Rabbit mAb (A4893, 10 µg/mL orange line) or ABflo® 647 Rabbit IgG isotype control (AC042, 10 µg/mL, blue line). Non-fluorescently stained cells were used as blank control (red line).

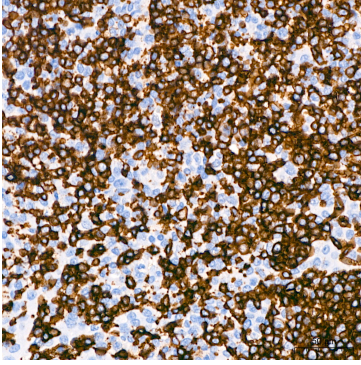


Confocal imaging of Daudi and Jurkat (Negative control) cells using CD20 Rabbit mAb (A4893, dilution 1:1000) (Red). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using CD20 Rabbit mAb (A4893) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using CD20 Rabbit mAb (A4893) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.