

A4893

Leader in Biomolecular Solutions for Life Science



CD20 Rabbit mAb

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

Basic Information

Observed MW

30-50kDa

Calculated MW

33kDa

Category

SMab Recombinant Monoclonal 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 | 1:500 - 1:1000 |
| FC | 1:50 - 1:200 |

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

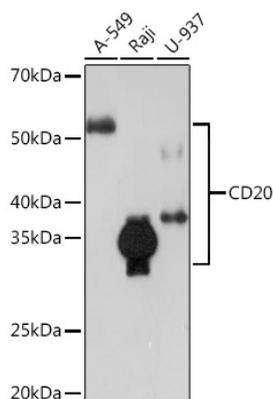
Affinity purification

Storage

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

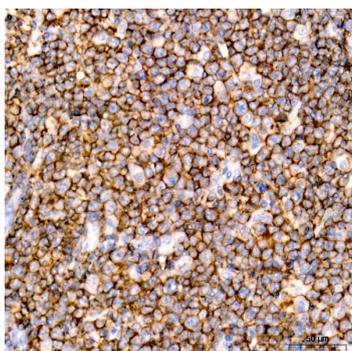
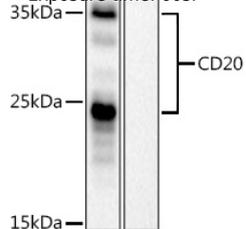
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data

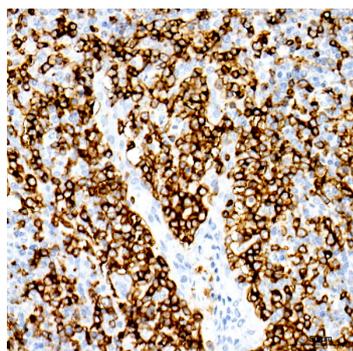


Western blot analysis of extracts of various cell lines, using CD20 Rabbit mAb (A4893) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Enhanced Kit (RM00021).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

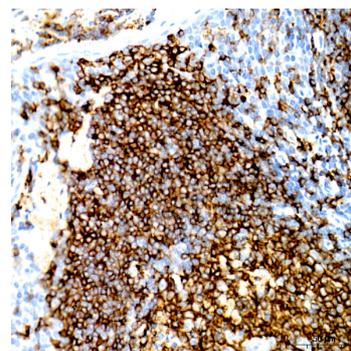
Western blot analysis of various lysates, using CD20 Rabbit mAb (A4893) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Negative control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



Immunohistochemistry analysis of paraffin-embedded Human anaplastic large cell lymphoma using CD20 Rabbit mAb (A4893) at dilution of 1:8000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

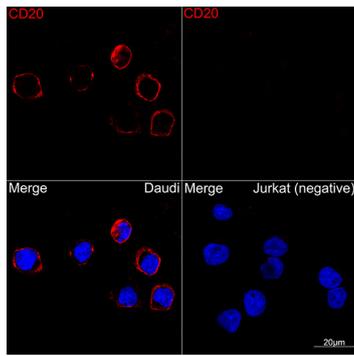


Immunohistochemistry analysis of paraffin-embedded human tonsil using CD20 Rabbit mAb (A4893) at dilution of 1:8000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

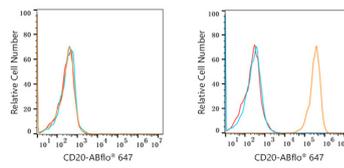


Immunohistochemistry analysis of paraffin-embedded human tonsil using CD20 Rabbit mAb (A4893) at dilution of 1:8000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Validation Data



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.



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