

# CD352/SLAMF6 Rabbit mAb

**Catalog No.: A23833** Recombinant

## Basic Information

**Observed MW**

60 kDa

**Calculated MW**

24 kDa/37 kDa

**Category**

Primary antibody

**Applications**

WB,IHC-P,FC,ELISA

**Cross-Reactivity**

Human

**CloneNo number**

ARC60903

## Background

The protein encoded by this gene is a type I transmembrane protein, belonging to the CD2 subfamily of the immunoglobulin superfamily. This encoded protein is expressed on Natural killer (NK), T, and B lymphocytes. It undergoes tyrosine phosphorylation and associates with the Src homology 2 domain-containing protein (SH2D1A) as well as with SH2 domain-containing phosphatases (SHPs). It functions as a coreceptor in the process of NK cell activation. It can also mediate inhibitory signals in NK cells from X-linked lymphoproliferative patients. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

## Recommended Dilutions

**WB** 1:1000 - 1:4000

**IHC-P** 1:200 - 1:800

**FC** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

114836

**Swiss Prot**

Q96DU3

**Immunogen**

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

**Synonyms**

SLAMF6; CD352; KALI; KALiB; Ly108; NTB-A; NTBA; SF2000; SLAM family member 6; CD352/SLAMF6

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

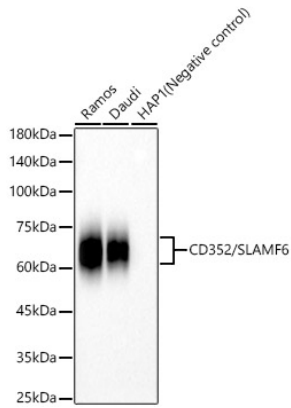
Affinity purification

**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 CD352/SLAMF6 Rabbit mAb (A23833) at 1:1000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

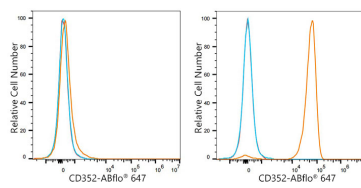
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

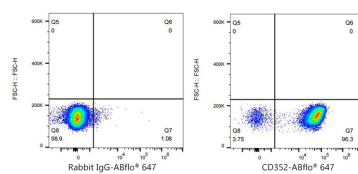
Detection: ECL Basic Kit (RM00020).

Negative control (NC): HAP1.

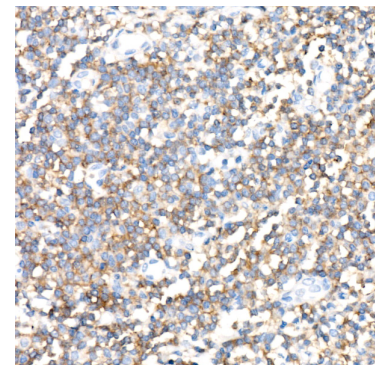
Exposure time: 30 s.



Flow cytometry:  $1 \times 10^6$  HAP1 cells (negative control, left) and Daudi cells (right) were surface-stained with CD352/SLAMF6 Rabbit mAb (A23833, 2 µg/mL, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 2 µg/mL, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb (1:200 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Daudi cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 2 µg/mL, left) or CD352/SLAMF6 Rabbit mAb (A23833, 2 µg/mL, right).



Immunohistochemistry analysis of paraffin-embedded Human tonsil using CD352/SLAMF6 Rabbit mAb (A23833) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.