

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

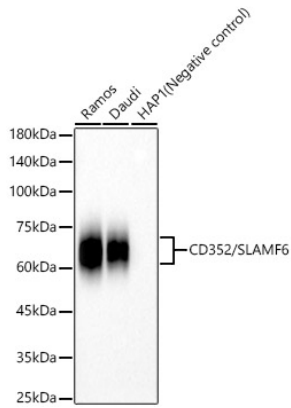
Affinity purification

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.

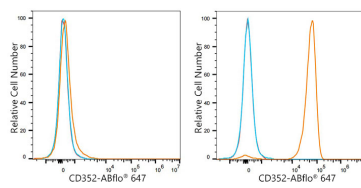
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

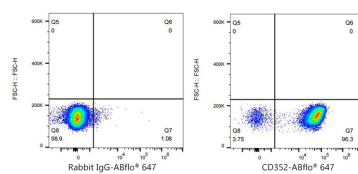
Detection: ECL Basic Kit (RM00020).

Negative control (NC): HAP1.

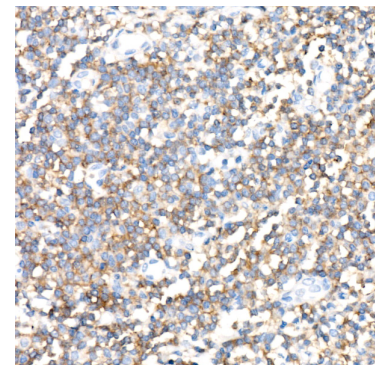
Exposure time: 30 s.



Flow cytometry: 1×10^6 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: 1×10^6 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.