

ABflo® 594 Rabbit anti-Human CD172b mAb

Catalog No.: A25772

Basic Information

Observed MW

Calculated MW

43kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC67299-ABflo594

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

The protein encoded by this gene is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein was found to interact with TYROBP/DAP12, a protein bearing immunoreceptor tyrosine-based activation motifs. This protein was also reported to participate in the recruitment of tyrosine kinase SYK. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen Information

Gene ID

10326

Swiss Prot

O00241

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-371 of human CD172b (NP_006056.2).

Synonyms

CD172b; SIRP-BETA-1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

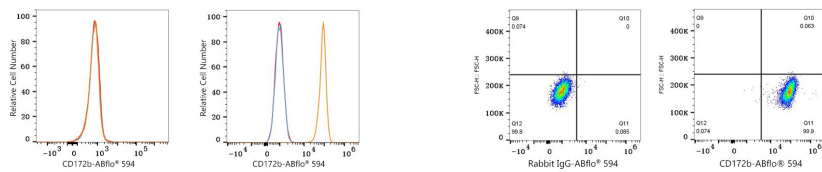
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 HEL cells (negative control, left) and U-937 cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human CD172b mAb (A25772, 5 μ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 U-937 cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, left) or ABflo® 594 Rabbit anti-Human CD172b mAb (A25772, 5 μ l/Test, right).