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ABflo® 647 Rabbit anti-Human CD172b mAb

Catalog No.: A25771

Basic Information

Observed MW

Calculated MW
43kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC67299

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

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.

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
10326

Swiss Prot
O00241

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

Synonyms
CD172b; SIRP-BETA-1

Contact

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Product Information

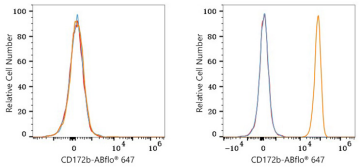
Source
Rabbit

Isotype
IgG

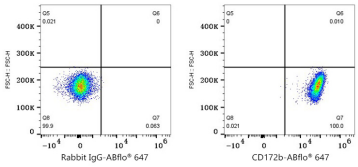
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10^6 HEL cells (negative control,left) and U-937 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD172b mAb (A25771,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 U-937 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human CD172b mAb (A25771,5 µl/Test,right).