

A25883

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CD172b Rabbit mAb

Catalog No.: A25883

Recombinant

Basic Information

Observed MW

Calculated MW

19kDa/43kDa

Category

Monoclonal Antibody

Applications

FC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC67299

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 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

10326

Swiss Prot

O00241

Immunogen

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

Synonyms

CD172b; SIRP-BETA-1

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

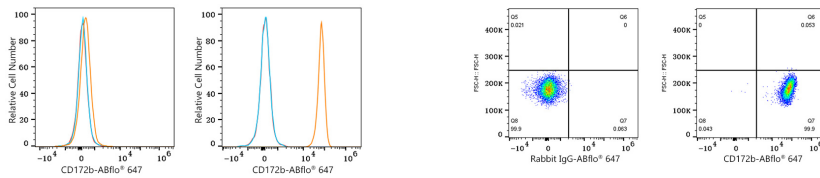
Affinity purification

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



Flow cytometry: 1×10^6 HEL cells (negative control, left) and U-937 cells (right) cells were surface-stained with CD172b Rabbit mAb (A25883, 2 $\mu\text{g}/\text{mL}$, orange line) or Rabbit IgG isotype control (AC042, 2 $\mu\text{g}/\text{mL}$, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 U-937 cells were surface-stained with Rabbit IgG isotype control (AC042, 2 $\mu\text{g}/\text{mL}$, left) or CD172b Rabbit mAb (A25883, 2 $\mu\text{g}/\text{mL}$, right), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining.