

A25883

Leader in Biomolecular Solutions for Life Science



# CD172b Rabbit mAb

Catalog No.: A25883

Recombinant

## Basic Information

### Observed MW

### Calculated MW

19kDa/43kDa

### Category

SMab Recombinant 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 fusion protein containing a sequence corresponding to amino acids 30-371 of human CD172b (NP\_006056.2).

### Synonyms

CD172b; SIRP-BETA-1

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

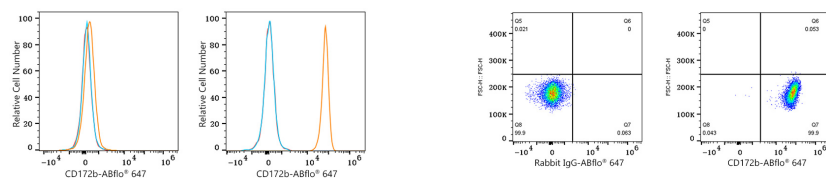
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



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