

**Anti-CD172b Antibody**  
**Rabbit polyclonal antibody to CD172b**  
**Catalog # AP59795****Specification**

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**Anti-CD172b Antibody - Product Information**

Application	WB, IP
Primary Accession	<a href="#">O00241</a>
Reactivity	Human, Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43211

**Anti-CD172b Antibody - Additional Information****Gene ID** 10326**Other Names**

Signal-regulatory protein beta-1; SIRP-beta-1; CD172 antigen-like family member B; CD172b

**Target/Specificity**

Recognizes endogenous levels of CD172b protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)

IP~~N/A

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-CD172b Antibody - Protein Information****Name** SIRPB1**Function**

Immunoglobulin-like cell surface receptor involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. Also participates in the recruitment of tyrosine kinase SYK. Triggers activation of myeloid cells when associated with TYROBP (PubMed:<a href="http://www.uniprot.org/citations/10604985" target="\_blank">10604985</a>).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

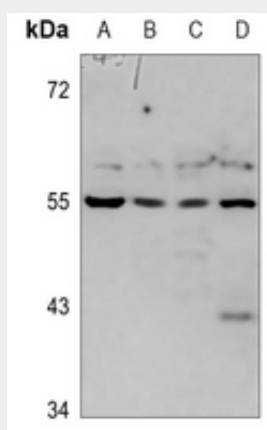
Detected in monocytes and dendritic cells.

### Anti-CD172b Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-CD172b Antibody - Images



Western blot analysis of CD172b expression in HEK293T (A), H1688 (B), A549 (C), mouse muscle (D) whole cell lysates.

### Anti-CD172b Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD172b. The exact sequence is proprietary.