

Anti-CD172g Antibody
Catalog # AP53980**Specification**

Anti-CD172g Antibody - Product Information

Application	WB
Primary Accession	Q9P1W8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42498

Anti-CD172g Antibody - Additional Information**Gene ID** 55423**Other Names**

SIRPB2; Signal-regulatory protein gamma; SIRP-gamma; CD172 antigen-like family member B; Signal-regulatory protein beta-2; SIRP-b2; SIRP-beta-2; CD172g

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD172g. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000

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-CD172g Antibody - Protein Information**Name** SIRPG**Synonyms** SIRPB2**Function**

Probable immunoglobulin-like cell surface receptor. On binding with CD47, mediates cell-cell adhesion. Engagement on T-cells by CD47 on antigen-presenting cells results in enhanced antigen-specific T-cell proliferation and costimulates T-cell activation.

Cellular Location

Membrane; Single- pass type I membrane protein

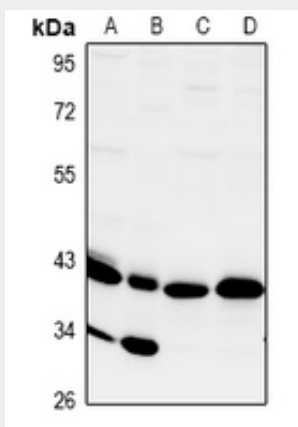
Tissue Location

Detected in liver, and at very low levels in brain, heart, lung, pancreas, kidney, placenta and skeletal muscle. Expressed on CD4+ T-cells, CD8+ T-cells, CD56-bright natural killer (NK) cells, CD20+ cells, and all activated NK cells. Mainly present in the paracortical T-cell area of lymph nodes, with only sparse positive cells in the mantle and in the germinal center of B-cell follicles. In the thymus, primarily expressed in the medulla on mature T-lymphocytes that have undergone thymic selection.

Anti-CD172g 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-CD172g Antibody - Images

Western blot analysis of CD172g expression in AML12 (A), PC12 (B), LO2 (C), HEK293T (D) whole cell lysates.

Anti-CD172g Antibody - Background

Rabbit polyclonal antibody to CD172g