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Anti-CD172g Antibody

Catalog # AP53980

Product Information

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

Additional Information

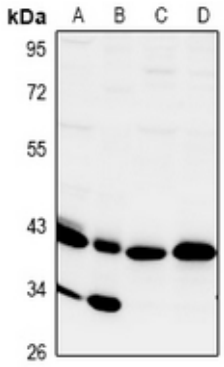
Gene ID	55423
Other Names	SIRPB2; Signal-regulatory protein gamma; SIRP-gamma; CD172 antigen-like family member B; Signal-regulatory protein beta-2; SIRP-b2; SIRP-beta-2; CD172g
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD172g. The exact 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 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

Images



Western blot analysis of CD172g expression in AML12 (A), PC12 (B), LO2 (C), HEK293T (D) whole cell lysates.
(Predicted band size: 42 kD; Observed band size: 42 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.