

CD172G Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2887
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD172G (AA: extra 29-360) expressed in E. Coli.
Mol wt	42.5kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	SIRPG;SIRPB2;SIRP-B2;bA77C3.1;SIRPgamma

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. Alternatively spliced transcript variants encoding different isoforms have been described.

Recommended Dilution

WB: 1:500 - 1:2000

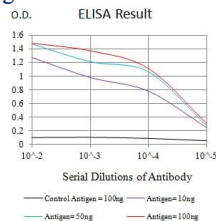
ICC: 1:100

FCM: 1:200 - 1:400

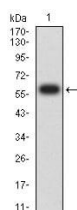
ELISA: 1:10000

Not yet tested in other applications.

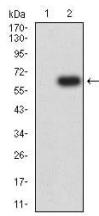
Images



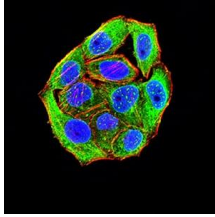
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



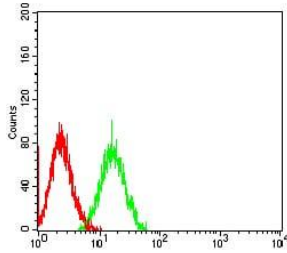
Western blot analysis using CD172G mAb against human CD172G (AA: extra 29-360) recombinant protein. (Expected MW is 62.6 kDa)



Western blot analysis using CD172G mAb against HEK293 (1) and CD172G (AA: extra 29-360)-hlgGfC transfected HEK293 (2) cell lysate.



Immunofluorescence analysis of HeLa cells using CD172G mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HL-60 cells using CD172G mouse mAb (green) and negative control (red).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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