

CD85G Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2522
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD85G (AA: extra 24-178) expressed in E. Coli.
Mol wt	55.2kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	LILRA4;ILT7

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

Background

This gene encodes an immunoglobulin-like cell surface protein that is expressed predominantly on plasmacytoid dendritic cells (PDCs) and modulates the function of these cells in the immune response. Expression of this gene is downregulated by interleukin 3 (IL3). This gene is one of a cluster of highly related genes located at chromosomal region 19q13.4.

Recommended Dilution

WB: 1:500 - 1:2000

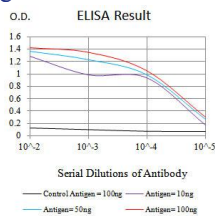
ICC: 1:200 - 1:1000

FCM: 1:200-1:400

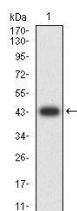
ELISA: 1:10000

Not yet tested in other applications.

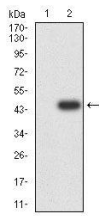
Images



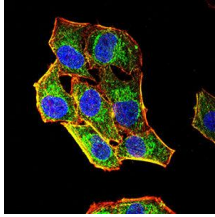
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



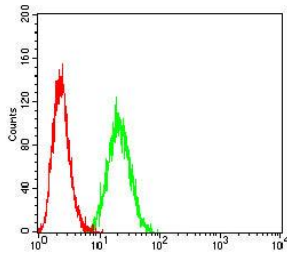
Western blot analysis using CD85G mAb against human CD85G (AA: extra 24-178) recombinant protein. (Expected MW is 43.3 kDa)



Western blot analysis using CD85G mAb against HEK293-6e (1) and CD85G (AA: extra 24-178)-hlgGfc transfected HEK293-6e (2) cell lysate.



Immunofluorescence analysis of HeLa cells using CD85G 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 THP-1 cells using CD85G 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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