

CD275 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3609
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD275 (AA: extra 19-256) expressed in E. Coli.
Mol wt	33.3kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	ICOSLG;B7H2;GL50;B7-H2;B7RP1;ICOSL;LICOS;B7RP-1;ICOS-L

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

Background

Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function (By similarity).

Recommended Dilution

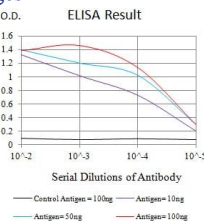
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

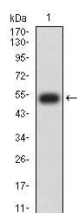
ELISA: 1:10000

Not yet tested in other applications.

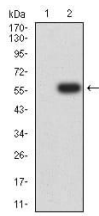
Images



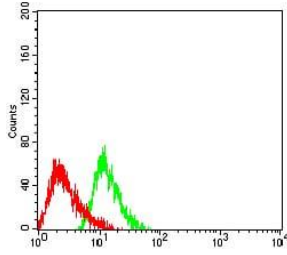
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD275 mAb against human CD275 (AA: extra 19-256) recombinant protein. (Expected MW is 52.4 kDa)



Western blot analysis using CD275 mAb against HEK293 (1) and CD275 (AA: extra 19-256)-hlgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HL-60 cells using CD275 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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