

CD54 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3674
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD54 (AA: extra 28-163) expressed in E. Coli.
Mol wt	57.8kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	ICAM1;BB2;P3.58

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

Background

This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.

Recommended Dilution

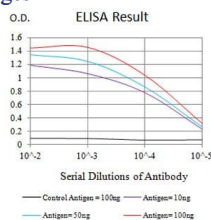
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

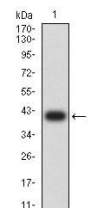
ELISA: 1:10000

Not yet tested in other applications.

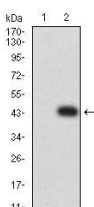
Images



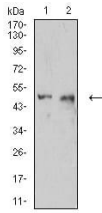
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



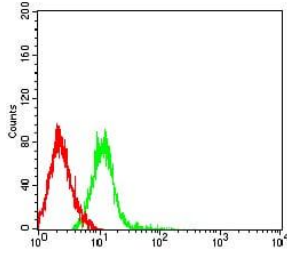
Western blot analysis using CD54 mAb against human CD54 (AA: extra 28-163) recombinant protein. (Expected MW is 40.8 kDa)



Western blot analysis using CD54 mAb against HEK293 (1) and CD54 (AA: extra 28-163)-hIgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using CD54 mouse mAb against C6 (1) and HUVEC (2) cell lysate.



Flow cytometric analysis of HL-60 cells using CD54 mouse mAb (green) and negative control (red).

Storage

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com