

CD54 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4181
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD54 (AA: 28-163) expressed in E. Coli.
Mol wt	57.8kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	BB2;CD54;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

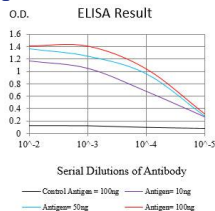
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

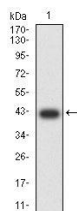
ELISA: 1:10000

Not yet tested in other applications.

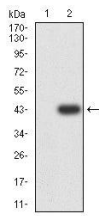
Images



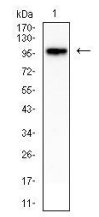
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



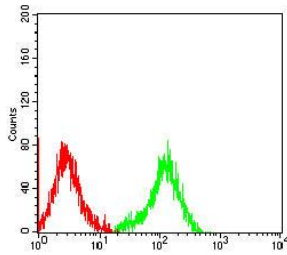
Western blot analysis using CD54 mAb against human CD54 (AA: 28-163) recombinant protein. (Expected MW is 40.8 kDa)



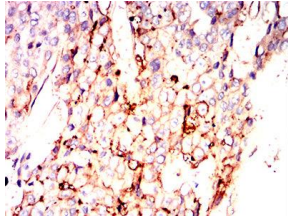
Western blot analysis using CD54 mAb against HEK293-6e (1) and CD54 (AA: 28-163)-hIgGFc transfected HEK293-6e (2) cell lysate.



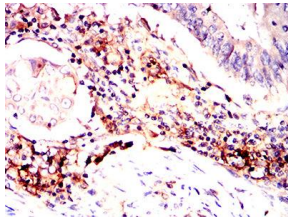
Western blot analysis using CD54 mouse mAb against Raji (1) cell lysate.



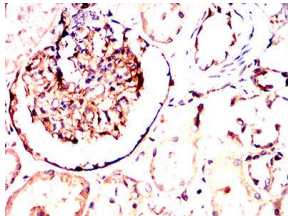
Flow cytometric analysis of Jurkat cells using CD54 mouse mAb (green) and negative control (red).



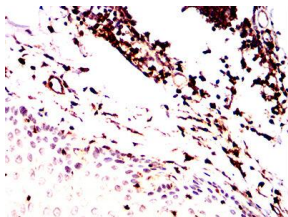
Immunohistochemical analysis of paraffin-embedded liver cancer tissues using CD54 mouse mAb with DAB staining.



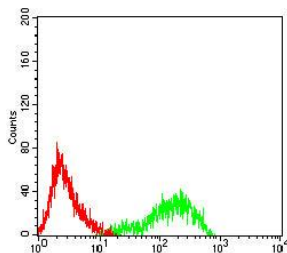
Immunohistochemical analysis of paraffin-embedded rectal cancer tissues using CD54 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded renal tissue tissues using CD54 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded esophageal tissue tissues using CD54 mouse mAb with DAB staining.



Flow cytometric analysis of Raji 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.

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