

## CD54 Monoclonal Antibody

### Description

|                                |  |
|--------------------------------|--|
| <b>Product type</b>            | Antibody   |
| <b>Code</b>                    | BT-MCA3614   |
| <b>Host</b>                    | Mouse  |
| <b>Isotype</b>                 | Mouse IgG1   |
| <b>Size</b>                    | 100µL, 50µL  |
| <b>Immunogen</b>               | Purified recombinant fragment of human CD54 (AA: extra 28-163) expressed in E. Coli. |
| <b>Mol wt</b>                  | 57.8kDa  |
| <b>Species reactivity</b>      | Human  |
| <b>Clonality</b>               | Monoclonal   |
| <b>Recommended application</b> | Others   |
| <b>Concentration</b>           | N/A  |
| <b>Full name</b>               | N/A  |
| <b>Synonyms</b>                | 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.

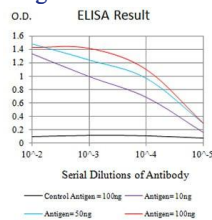
### Recommended Dilution

WB: 1:500 - 1:2000

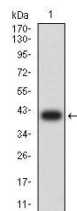
ELISA: 1:10000

Not yet tested in other applications.

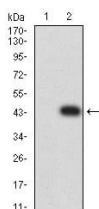
### Images



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.

## Storage

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

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