

## CD44 Monoclonal Antibody

### Description

|                                |  |
|--------------------------------|--|
| <b>Product type</b>            | Antibody   |
| <b>Code</b>                    | BT-MCA3562   |
| <b>Host</b>                    | Mouse  |
| <b>Isotype</b>                 | Mouse IgG1   |
| <b>Size</b>                    | 100µL, 50µL  |
| <b>Immunogen</b>               | Purified recombinant fragment of human CD44 (AA: extra 36-194) expressed in E. Coli. |
| <b>Mol wt</b>                  | 81.5kDa  |
| <b>Species reactivity</b>      | Human  |
| <b>Clonality</b>               | Monoclonal   |
| <b>Recommended application</b> | WB,IHC,FCM   |
| <b>Concentration</b>           | N/A  |
| <b>Full name</b>               | N/A  |
| <b>Synonyms</b>                | IN;LHR;MC56;MDU2;MDU3;MIC4;Pgp1;CDW44;CSPG8;HCELL;HUTCH-I;ECMR-III                   |

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

### Background

N/A

### Recommended Dilution

WB: 1:500 - 1:2000

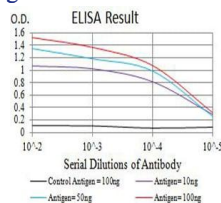
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

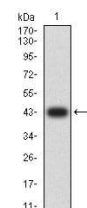
ELISA: 1:10000

Not yet tested in other applications.

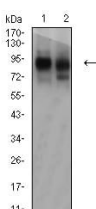
### Images



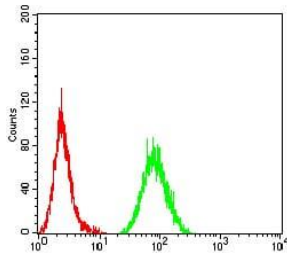
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



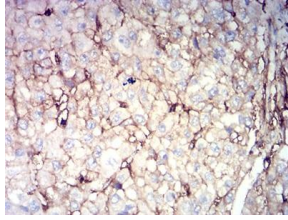
Western blot analysis using CD44 mAb against human CD44 (AA: extra 36-194) recombinant protein. (Expected MW is 43.3 kDa)



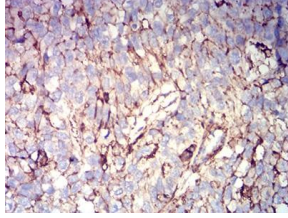
Western blot analysis using CD44 mouse mAb against HUVEC (1) and HUVE-12 (2) cell lysate.



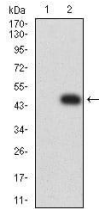
Flow cytometric analysis of HeLa cells using CD44 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded liver cancer tissues using CD44 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using CD44 mouse mAb with DAB staining.



Western blot analysis using CD44 mAb against HEK293 (1) and CD44 (AA: extra 36-194)-hlgGfc transfected HEK293 (2) cell lysate.

### Storage

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

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