

## CD317 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2958
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human CD317 (AA: extra 49-161) expressed in E. Coli.
<b>Mol wt</b>	19.8kDa
<b>Species reactivity</b>	Others
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	IHC,ICC,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	BST2;TETHERIN

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

### Background

Bone marrow stromal cells are involved in the growth and development of B-cells. The specific function of the protein encoded by the bone marrow stromal cell antigen 2 is undetermined; however, this protein may play a role in pre-B-cell growth and in rheumatoid arthritis.

### Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

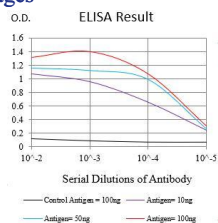
ICC: 1:100 - 1:500

FCM: 1:200 - 1:400

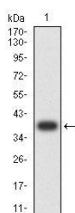
ELISA: 1:10000

Not yet tested in other applications.

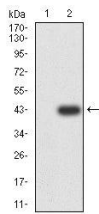
### Images



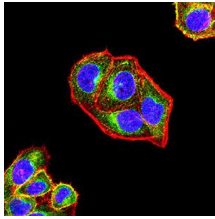
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



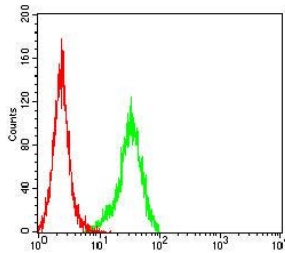
Western blot analysis using CD317 mAb against human CD317 (AA: extra 49-161) recombinant protein. (Expected MW is 38.6 kDa)



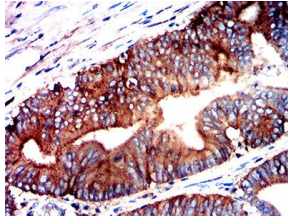
Western blot analysis using CD317 mAb against HEK293-6e (1) and CD317 (AA: extra 49-161)-hlgGfC transfected HEK293-6e (2) cell lysate.



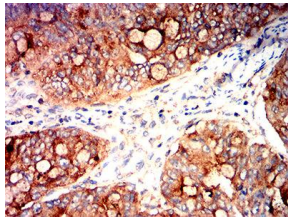
Immunofluorescence analysis of HeLa cells using CD317 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of THP-1 cells using CD317 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded colon cancer tissues using CD317 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using CD317 mouse mAb with DAB staining.

### Storage

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

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