

CD317 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2521
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD317 (AA: extra 49-161) expressed in E. Coli.
Mol wt	19.8kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	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

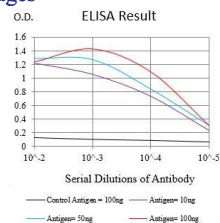
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

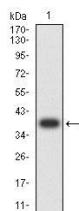
ELISA: 1:10000

Not yet tested in other applications.

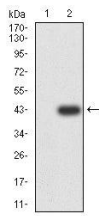
Images



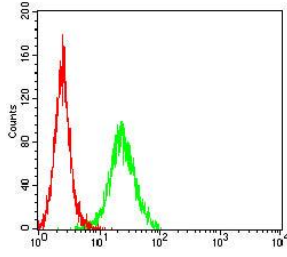
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



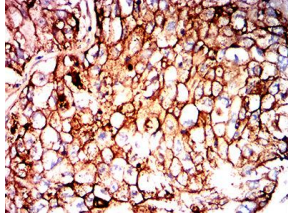
Western blot analysis using CD317 mAb against human CD317 (AA: extra 49-161) recombinant protein. (Expected MW is 38.6 kDa)



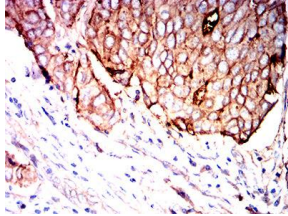
Western blot analysis using CD317 mAb against HEK293-6e (1) and CD317 (AA: extra 49-161)-hlgGFc transfected HEK293-6e (2) cell lysate.



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



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



Immunohistochemical analysis of paraffin-embedded breast 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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