BT LAB
Bioassay Technology Laboratory
Optimize Your Research

CD157 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2950
Host	Mouse
Isotype	Mouse IgG2b
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human CD157 (AA: 82-293) expressed in E. Coli.
Mol wt	35.7kDa
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	BST1

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

Background

Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-anchored molecule that facilitates pre-B-cell growth. The deduced amino acid sequence exhibits 33% similarity with CD38. BST1 expression is enhanced in bone marrow stromal cell lines derived from patients with rheumatoid arthritis. The polyclonal B-cell abnormalities in rheumatoid arthritis may be, at least in part, attributed to BST1 overexpression in the stromal cell population.

Recommended Dilution

WB: 1:500 - 1:2000

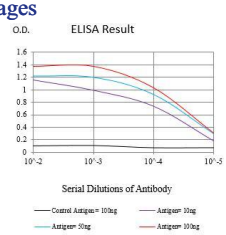
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

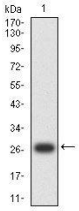
ELISA: 1:10000

Not yet tested in other applications.

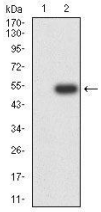
Images



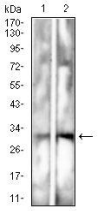
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



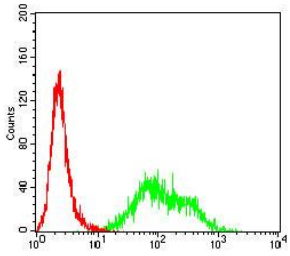
Western blot analysis using CD157 mAb against human CD157 (AA: 82-293) recombinant protein. (Expected MW is 26.9 kDa)



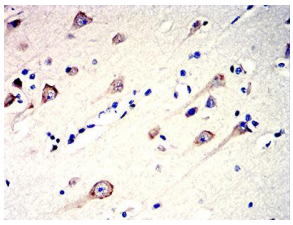
Western blot analysis using CD157 mAb against HEK293-6e (1) and CD157 (AA: 82-293)-hIgGFc transfected HEK293-6e (2) cell lysate.



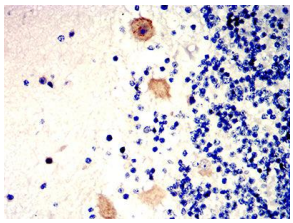
Western blot analysis using CD157 mouse mAb against Rat spleen (1) and Mouse spleen (2) cell lysate.



Flow cytometric analysis of HL-6O cells using CD157 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded brain tissues using CD157 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded cerebellum tissues using CD157 mouse mAb with DAB staining.

Storage

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com