
Product Name: CD157 Mouse Monoclonal Antibody**Catalog #: AMM82866**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	35.7kDa

Antigen Information

Gene Name	CD157
Alternative Names	BST1
Gene ID	683.0
SwissProt ID	Q10588
Immunogen	Purified recombinant fragment of human CD157 (AA: 82-293) expressed in E. Coli.

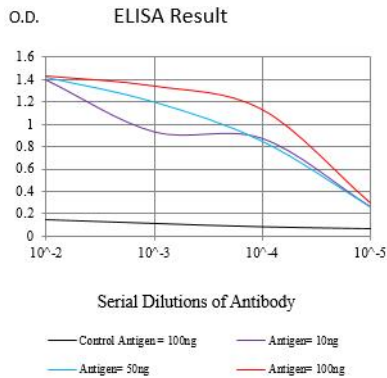
Background

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

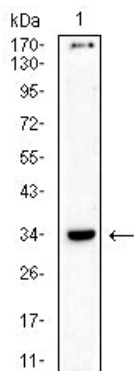
rheumatoid arthritis may be, at least in part, attributed to BST1 overexpression in the stromal cell population.

Research Area

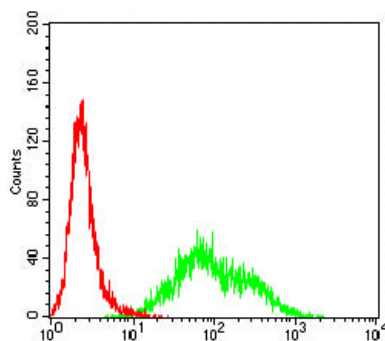
Image Data



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 mouse mAb against Rat spleen (1) cell lysate.



Flow cytometric analysis of HL-60 cells using CD157 mouse mAb (green) and negative control (red).