

## CD157 monoclonal antibody

Catalog: MB23344

Host: Mouse

Reactivity: Human, Mouse, Rat

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

35.7kDa

### Swiss-Prot:

Q10588

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

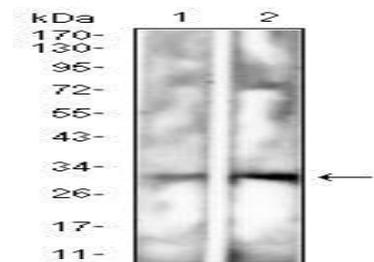
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

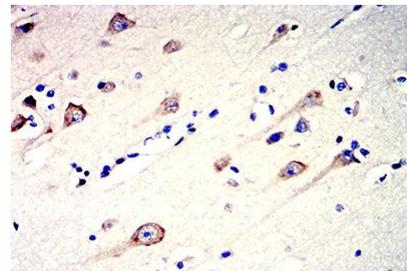
### Isotype:

Mouse IgG2b

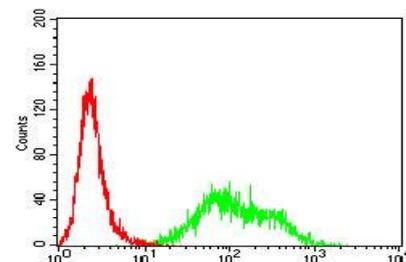
### DATA:



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



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



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

### Note:

For research use only, not for use in diagnostic procedure.

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