

# ABflo® 488 Rabbit anti-Human CD157/BST-1 mAb

Catalog No.: A25155

## Basic Information

### Observed MW

### Calculated MW

36kDa/29kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC65494-ABflo488

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## 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.

## Immunogen Information

### Gene ID

683

### Swiss Prot

Q10588

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 29-292 of human CD157/BST-1 (NP\_004325.2).

### Synonyms

CD157; cADPR2; BST1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

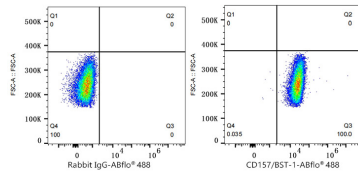
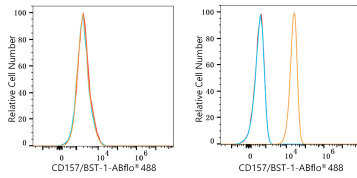
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  MCF7 cells (Low Expression, left) and THP-1 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD157/BST-1 mAb (A25155, 5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  THP-1 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Human CD157/BST-1 mAb (A25155, 5  $\mu$ l/Test, right).