

## Datasheet for ABIN7539708 **anti-BST1 antibody (AA 82-293)**



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### Overview

|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                          |
| Target:              | BST1                                                                            |
| Binding Specificity: | AA 82-293                                                                       |
| Reactivity:          | Human, Mouse, Rat                                                               |
| Host:                | Mouse                                                                           |
| Clonality:           | Monoclonal                                                                      |
| Conjugate:           | This BST1 antibody is un-conjugated                                             |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS) |

### Product Details

|               |                                                                                 |
|---------------|---------------------------------------------------------------------------------|
| Purpose:      | CD157 Antibody                                                                  |
| Immunogen:    | Purified recombinant fragment of human CD157 (AA: 82-293) expressed in E. Coli. |
| Clone:        | 1A4G4                                                                           |
| Isotype:      | IgG2b                                                                           |
| Purification: | Purified antibody                                                               |

### Target Details

|                   |                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------|
| Target:           | BST1                                                                                            |
| Alternative Name: | CD157 ( <a href="#">BST1 Products</a> )                                                         |
| Background:       | Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol- |

## Target Details

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.

Molecular Weight: 35.7 kDa

Gene ID: 683

UniProt: [Q10588](#)

## Application Details

Application Notes: ELISA: 1/10000  
FCM: 1/200 - 1/400

Restrictions: For Research Use only

## Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

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