

Datasheet for ABIN7265892  
**anti-BST1 antibody (AA 29-293)**



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## Overview

|                      |                                                |
|----------------------|------------------------------------------------|
| Quantity:            | 100 µL                                         |
| Target:              | BST1                                           |
| Binding Specificity: | AA 29-293                                      |
| Reactivity:          | Human                                          |
| Host:                | Rabbit                                         |
| Clonality:           | Polyclonal                                     |
| Conjugate:           | This BST1 antibody is un-conjugated            |
| Application:         | Western Blotting (WB), Immunofluorescence (IF) |

## Product Details

|                   |                                                                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | BST1 Rabbit pAb                                                                                                                                                                                                                                                                                                |
| Immunogen:        | Recombinant fusion protein containing a sequence corresponding to amino acids 29-293 of human BST1 (NP_004325.2).                                                                                                                                                                                              |
| Sequence:         | GARARWRGEG TSAHLRDIFL GRCAEYRALL SPEQRNKNCT AIWEAFKVAL DKDPCSVLPS<br>DYDLFINLSR HSIPRDKSLF WENSHLLVNS FADNTRRFMP LSDVLYGRVA DFLSWCRQKN<br>DSGLDYQSCP TSEDCENNPV DSWFKRASIQ YSKDSSGVIH VMLNGSEPTG AYPIKGFFAD<br>YEIPNLQKEK ITRIEIWMH EIGGPNVESC GEGSMKVLEK RLKDMGFQYS CINDYRPVKL<br>LQCVDHSTHP DCALKSAAAA TQRKA |
| Isotype:          | IgG                                                                                                                                                                                                                                                                                                            |
| Cross-Reactivity: | Human, Mouse                                                                                                                                                                                                                                                                                                   |
| Characteristics:  | Polyclonal Antibodies                                                                                                                                                                                                                                                                                          |

## Product Details

Purification: Affinity purification

## Target Details

Target: BST1

Alternative Name: BST1 ([BST1 Products](#))

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. BST1, CD157, Signal Transduction, Immunology & Inflammation, CD markers, Cell Intrinsic Innate Immunity Signaling Pathway, Neuroscience, Calcium Signaling, BST1

Molecular Weight: 29kDa/35kDa

Gene ID: 683

UniProt: [Q10588](#)

## Application Details

Application Notes: WB, 1:500 - 1:2000, IF, 1:50 - 1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.