

## Datasheet for ABIN7635389 **anti-BST1 antibody**



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### Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | BST1                                                                                                      |
| Reactivity:  | Human                                                                                                     |
| Host:        | Mouse                                                                                                     |
| Clonality:   | Monoclonal                                                                                                |
| Conjugate:   | This BST1 antibody is un-conjugated                                                                       |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

### Product Details

|               |                                                                                                                                                                               |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Monoclonal Antibody to Bone Marrow Stromal Cell Antigen 1 (BST1)                                                                                                              |
| Immunogen:    | RPB551Hu01Recombinant Bone Marrow Stromal Cell Antigen 1 (BST1)                                                                                                               |
| Clone:        | C15                                                                                                                                                                           |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against BST1. It has been selected for its ability to recognize BST1 in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography                                                                                                                                 |

### Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | BST1                                   |
| Alternative Name: | BST1 ( <a href="#">BST1 Products</a> ) |

## Target Details

|             |                                                                                 |
|-------------|---------------------------------------------------------------------------------|
| Background: | CD157, ADP-Ribosyl Cyclase 2, ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2 |
| UniProt:    | <a href="#">Q10588</a>                                                          |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.2-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                         |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 1 mg/mL                                                                                                                                                         |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin, Sodium azide                                                                                                                                           |
| Precaution of Use: | This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.                               |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |