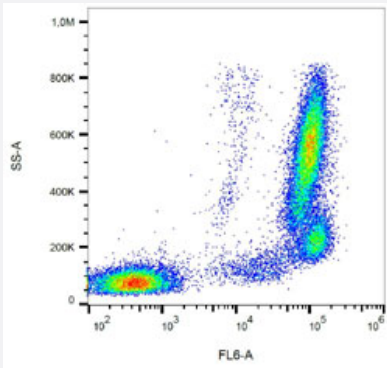


# BST1 monoclonal antibody, clone SY11B5

Catalog # MAB16948      Size 100 ug

## Applications



### Flow Cytometry

Flow cytometric analysis (surface staining) of human peripheral blood leukocytes with anti-human BST1 APC.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against human BST1.
<b>Immunogen</b>	Human BST1.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Non-Human Primates
<b>Specificity</b>	This antibody recognizes CD157, an approximately 45 kDa GPI-anchored protein expressed mainly on monocytes, macrophages, granulocytes and bone marrow stromal cells.
<b>Form</b>	Liquid
<b>Purification</b>	Protein A purification
<b>Isotype</b>	IgG1
<b>Recommend Usage</b>	Flow Cytometry Immunoprecipitation Immunohistochemistry (Frozen sections) Western Blot (non-reducing conditions) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4 (15 mM sodium azide).
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

Flow cytometric analysis (surface staining) of human peripheral blood leukocytes with anti-human BST1 APC.

## Gene Info — BST1

Entrez GeneID	<a href="#">683</a>
Gene Name	BST1
Gene Alias	CD157
Gene Description	bone marrow stromal cell antigen 1
Omim ID	<a href="#">600387</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. [provided by RefSeq]
Other Designations	-

## Pathway

- [Calcium signaling pathway](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Parkinson Disease](#)