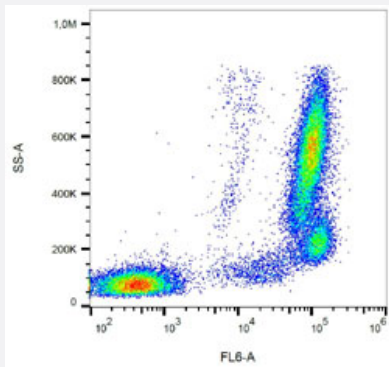


BST1 monoclonal antibody, clone SY11B5

Catalog # MAB16948 Size 100 ug

Applications



Flow Cytometry

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

Specification

Product Description	Mouse monoclonal antibody raised against human BST1.
Immunogen	Human BST1.
Host	Mouse
Reactivity	Human, Non-Human Primates
Specificity	This antibody recognizes CD157, an approximately 45 kDa GPI-anchored protein expressed mainly on monocytes, macrophages, granulocytes and bone marrow stromal cells.
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	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	683
Gene Name	BST1
Gene Alias	CD157
Gene Description	bone marrow stromal cell antigen 1
Omim ID	600387
Gene Ontology	Hyperlink
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](#)