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Datasheet for ABIN2852498
anti-BST1 antibody (APC)

1 Image

Overview

Quantity:	100 tests
Target:	BST1
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BST1 antibody is conjugated to APC
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Human CD157
Clone:	SY11B5
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody SY11B5 recognizes CD157, an approximately 45 kDa GPI-anchored protein expressed mainly on monocytes, macrophages, granulocytes and bone marrow stromal cells.
Cross-Reactivity (Details):	Human, Non-Human Primates

Target Details

Target:	BST1
Alternative Name:	CD157 (BST1 Products)

Target Details

Background: CD157 (cADPr hydrolase 2) is a GPI-anchored ectoenzyme possessing ADP-ribosyl cyclase and cyclic ADP-ribose hydrolase activity. It uses NAD and cADP-ribose as substrates. CD157 is expressed on granulocytes, monocytes, macrophages, follicular dendritic cells, bone marrow stromal cells and human umbilical cord vein endothelial cells. In case of rheumatoid arthritis expression is often higher and it is also differentially expressed in the myeloid leukemias. It may also have a signaling role.

Gene ID: 683

Application Details

Application Notes: The reagent is designed for Flow Cytometry analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

Comment: The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

Restrictions: For Research Use only

Handling

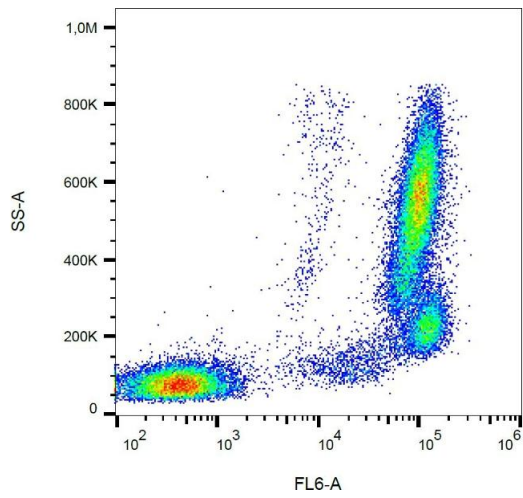
Buffer: The reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide.

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

Storage Comment: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.



Flow Cytometry

Image 1. Flow cytometry analysis (surface staining) of human peripheral blood leukocytes with anti-human CD157 (SY11B5) APC.