

Datasheet for ABIN5540950 **anti-BST1 antibody**



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	BST1
Reactivity:	Human, Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BST1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Human CD157
Clone:	SY11B5
Isotype:	IgG1
Specificity:	This antibody recognizes CD157, an approximately 45 kDa GPI-anchored protein expressed mainly on monocytes, macrophages, granulocytes and bone marrow stromal cells.
Purification:	Protein-A affinity chromatography (> 95% pure by SDS-PAGE)

Target Details

Target:	BST1
Alternative Name:	cd157,bst1 (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 is expression is often higher and it is also differentially expressed in the myeloid leukemias. It may also have a signaling role.

UniProt: [Q10588](#)

Application Details

Application Notes: Flow cytometry. Immunoprecipitation. Western blot: non-reducing conditions. Immunohistochemistry (frozen sections).

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 95 % pure by SDS-PAGE) Buffer System: Phosphate buffered saline (PBS) Preservatives: 15 mM sodium azide, approx. pH 7.4

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 undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.

Expiry Date: 12 months