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## 30-1060: Anti-CD157 Monoclonal Antibody (Clone:SY11B5)

Clonality: Monoclonal **Clone Name:** SY11B5 Application: FACS Reactivity: Human Gene: BST1 Gene ID: 683 **Uniprot ID:** Q10588 Format: **Purified Alternative Name:** BST1 Isotype: Mouse IgG1 Immunogen Information: Human CD157

## **Description**

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.

## **Product Info**

Amount: 0.1 mg

**Purification :** Purified by protein-A affinity chromatography

**Storage condition :** Store at 2-8°C. Do not freeze.

## **Application Note**

Flow Cytometry Immunoprecipitation Western Blotting Application note:non-reducing conditions Immunohistochemistry (frozen sections)

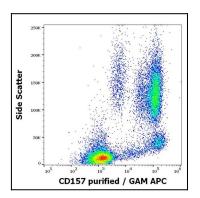


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD157 (SY11B5) purified antibody (concentration in sample 4  $\mu$ g/ml, GAM APC).



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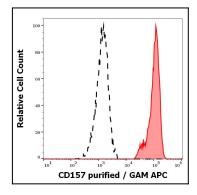


Figure 2: Separation of human neutrophil granulocytes (red-filled) from CD157 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD157 (SY11B5) purified antibody (concentration in sample 4  $\mu$ g/ml, GAM APC).