

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)

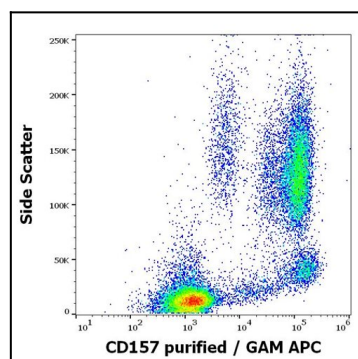


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD157 (SY11B5) purified antibody (concentration in sample 4 µg/ml, GAM APC).

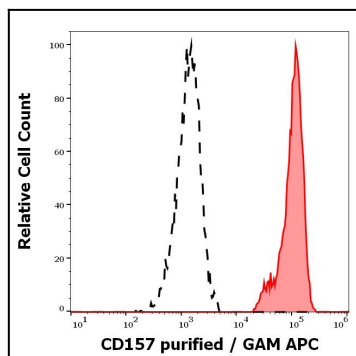


Figure 2: Separation of human neutrophil granulocytes (red-filled) from CD157 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD157 (SY11B5) purified antibody (concentration in sample 4 µg/ml, GAM APC).