

Product datasheet for **AM26780RP-N**

Bone marrow stromal cell antigen 1 (BST1) Mouse Monoclonal Antibody [Clone ID: SY11B5]

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | SY11B5 |
| Applications: | FC |
| Recommended Dilution: | Flow cytometry analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. The content of a vial (1 ml) is sufficient for 100 tests. |
| Reactivity: | Human, Primate |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human CD157 |
| Specificity: | This antibody recognizes CD157, an approximately 45 kDa GPI-anchored protein expressed mainly on monocytes, macrophages, granulocytes and bone marrow stromal cells. |
| Formulation: | Phosphate buffered saline (PBS) Label: PE State: Liquid purified Ig fraction Preservative: 15mM sodium azide |
| Conjugation: | PE |
| Storage: | Store undiluted at 2-8°C. DO NOT FREEZE! |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | bone marrow stromal cell antigen 1 |
| Database Link: | Entrez Gene 683 Human Q10588 |



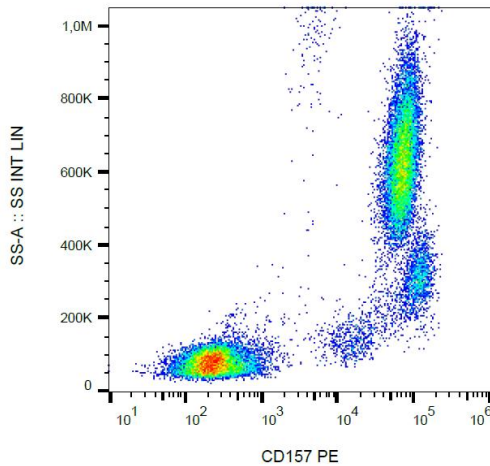
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Background:

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 its expression is often higher and it is also differentially expressed in the myeloid leukemias. It may also have a signaling role.

Synonyms:

cADPr hydrolase 2, BST-1

Product images:

Surface staining of human peripheral blood leukocytes with anti-human CD157 (SY11B5) PE.