

Product datasheet for **SM1143F**

CD57 / HNK1 Mouse Monoclonal Antibody [Clone ID: TB01]

Product data:

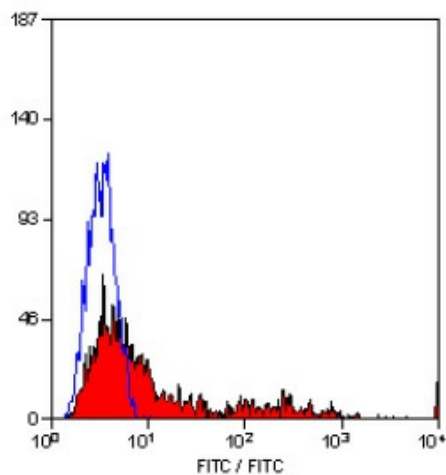
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|-----------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | TB01 |
| Applications: | FC |
| Recommended Dilution: | Flow cytometry. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgM |
| Clonality: | Monoclonal |
| Immunogen: | Human neuroblastoma cells. Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3.X63.Ag8653 myeloma cell line. |
| Specificity: | This antibody recognises the CD57 molecule, expressed by NK cells and a subset of T cells. |
| Formulation: | PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate Isomer 1 |
| Concentration: | lot specific |
| Purification: | Ion exchange chromatography |
| Conjugation: | FITC |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. |
| Stability: | Shelf life: one year from despatch. |
| Background: | CD57 recognizes a (Mr 100-110kDa) oligosaccharide antigenic determinant on myeloid cells and on a variety of polypeptides, lipids and chondroitin sulfate proteoglycans. This surface antigen is associated with myelin-associated glycoprotein (MAG). The CD57 antigen is present on 15-20% of normal peripheral blood mononuclear cells. It is expressed on a subset of natural killer cells (60%) and on a subset of T-lymphocytes. This carbohydrate is also present on N-CAM in the nervous system. |



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Synonyms: HNK-1, LEU7, NK-1, NK-Cell marker, NK1

Product images:



Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD57:FITC (SM1143F).