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# 36-1178: Monoclonal Antibody to CD57 / B3GAT1 (Natural Killer Cell Marker)(Clone : SPM129)

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|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | SPM129 |
| **Application :** | IF,IHC |
| **Reactivity :** | Human |
| **Gene :** | B3GAT1 |
| **Gene ID :** | 27087 |
| **Uniprot ID :** | Q9P2W7 |
| **Format :** | Purified |
| **Alternative Name :** | B3GAT1,GLCATP |
| **Isotype :** | Mouse IgM, kappa |
| **Immunogen Information :** | Human peripheral blood mononuclear cells |

## Description

Anti-CD57 marks a subset of lymphocytes known as natural killer (NK) cells. Follicular center cell lymphomas often contain many NK cells within the neoplastic follicles. Anti-CD57 also stains neuroendocrine cells and their derived tumors, including carcinoid tumor and medulloblastoma. Anti-CD57 can also be useful in separating type B3 thymoma from thymic carcinoma when combined with a panel that includes antibodies against GLUT1, CD5, and CEA.

## Product Info

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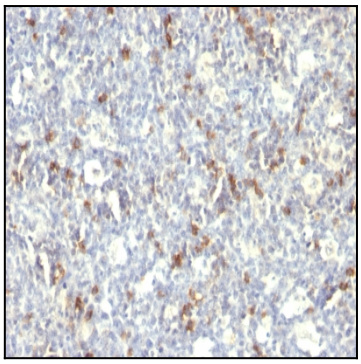
| **Amount :** | 100 µg |
| **Purification :** | Affinity Chromatography |
| **Content :** | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| **Storage condition :** | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

## Application Note

Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (2-4ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Spleen stained with CD57 Monoclonal Antibody (SPM129).