

36-1272: Monoclonal Antibody to IgG (Immunoglobulin Gamma Heavy Chain) (B Cell Marker)(Clone : SPM556)

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| Clonality : | Monoclonal |
| Clone Name : | SPM556 |
| Application : | FACS,IF,IHC |
| Reactivity : | Human |
| Gene : | IGHG1 |
| Uniprot ID : | P01857 |
| Format : | Purified |
| Alternative Name : | IGHG1 |
| Isotype : | Mouse IgG2a, kappa |
| Immunogen Information : | Purified human Ig Gamma Chain |

Description

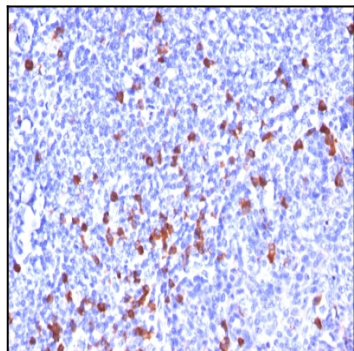
Recognizes a protein of 75kDa, identified as gamma heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), μ (IgM), ϵ (IgE), or δ (IgD), heavy chains, T-cells, monocytes, granulocytes, or erythrocytes. This MAb is useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas. The most common feature of these malignancies is the restricted expression of a single heavy chain class. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant.

Product Info

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| Amount : | 100 μ g |
| Purification : | Affinity Chromatography |
| Content : | 100 μ g in 500 μ l 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

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/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°C followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Tonsil stained with IgG Monoclonal Antibody (SPM556)