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# 36-1914: Monoclonal Antibody to CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker)(Clone : SPM609)

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|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | SPM609 |
| **Application :** | FACS,IF,IHC |
| **Reactivity :** | Human |
| **Gene :** | TNFRSF8 |
| **Gene ID :** | 943 |
| **Uniprot ID :** | P28908 |
| **Format :** | Purified |
| **Alternative Name :** | TNFRSF8,CD30,D1S166E |
| **Isotype :** | Mouse IgG1, kappa |
| **Immunogen Information :** | Recombinant human TNFRSF8 protein |

## Description

Recognizes a single chain glycoprotein of 105/120kDa, identified as CD30/Ki-1. CD30 is synthesized as a 90kDa precursor, which is processed in the Golgi complex into a membrane-bound phosphorylated mature 105/120kDa glycoprotein. In Hodgkin s disease, CD30/Ki-1 antigen is expressed by mononuclear-Hodgkin and multinucleated Reed-Sternberg cells. It is also expressed by the tumor cells of a majority of anaplastic large cell lymphomas as well as by a varying proportion of activated T and B cells. This MAb distinguishes large cell lymphomas derived from activated lymphoid cells from histiocytic malignancies and lymphomas derived from resting and precursor lymphoid cells or from anaplastic carcinomas. About one third of the Ki-1 positive lymphomas lack the leukocyte common antigen (CD45).

## Product Info

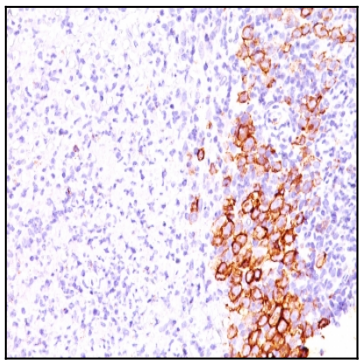
| | |
|---|---|
| **Amount :** | 100 µg |
| **Purification :** | Affinity Chromatography |
| **Content :** | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| **Storage condition :** | Store the antibody at 4°C; stable for 6 months. For long-term storage;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

## Application Note

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 1mM EDTA, pH 7.5-8.5, for 45 min at 95&degC followed by cooling at RT for 20 minutes)

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***

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Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with CD30 Monoclonal Antibody (SPM609).

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