

# CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - Culture Supernatant

Mouse Monoclonal Antibody [Clone SPM121 ]  
Catalog # AH12689

## Product Information

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<b>Application</b>	IHC, IF, FC
<b>Primary Accession</b>	<a href="#">P28908</a>
<b>Other Accession</b>	<a href="#">943</a> , <a href="#">1314</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse / IgG1, kappa
<b>Clone Names</b>	SPM121
<b>Calculated MW</b>	63747

## Additional Information

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<b>Gene ID</b>	943
<b>Other Names</b>	Tumor necrosis factor receptor superfamily member 8, CD30L receptor, Ki-1 antigen, Lymphocyte activation antigen CD30, CD30, TNFRSF8, CD30, D1S166E
<b>Application Note</b>	IHC~~1:100~500 IF~~1:50~200 FC~~1:10~50
<b>Storage</b>	Store at 2 to 8°C. Antibody is stable for 24 months.
<b>Precautions</b>	CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - Culture Supernatant is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TNFRSF8 ( <a href="#">HGNC:11923</a> )
<b>Function</b>	Receptor for TNFSF8/CD30L (PubMed: <a href="#">8391931</a> ). May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa- B (PubMed: <a href="#">8999898</a> ).
<b>Cellular Location</b>	[Isoform 1]: Cell membrane; Single-pass type I membrane protein
<b>Tissue Location</b>	[Isoform 2]: Detected in alveolar macrophages (at protein level).

## Background

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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).

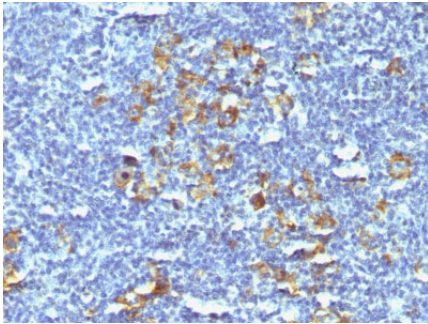
## References

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Schwartz R, Gerdes J, Durkop H, Falini B, Pileri S, Stein H. Ber-H2: A new anti-Ki-1 (CD30) monoclonal antibody directed at a formalin-resistant epitope. *Blood* 1989;74:1678-89. |

## Images

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Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with CD30 Monoclonal Antibody (SPM121).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.