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**CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - With BSA and Azide**  
**Mouse Monoclonal Antibody [Clone Ki-1/779 ]**  
**Catalog # AH12692****Specification**

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**CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - With BSA and Azide**  
**- Product Information**

Application	,2,3,4,
Primary Accession	<a href="#">P28908</a>
Other Accession	<a href="#">943</a> , <a href="#">1314</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	105-120kDa KDa

**CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - With BSA and Azide**  
**- Additional Information****Gene ID** 943**Other Names**

Tumor necrosis factor receptor superfamily member 8, CD30L receptor, Ki-1 antigen, Lymphocyte activation antigen CD30, CD30, TNFRSF8, CD30, D1S166E

**Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

**Precautions**

CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

**CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - With BSA and Azide**  
**- Protein Information****Name** TNFRSF8 ([HGNC:11923](#))**Function**

Receptor for TNFSF8/CD30L (PubMed:<[a href="http://www.uniprot.org/citations/8391931" target="\\_blank">8391931](http://www.uniprot.org/citations/8391931)>). 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="http://www.uniprot.org/citations/8999898" target="\\_blank">8999898](http://www.uniprot.org/citations/8999898)>).

**Cellular Location**

[Isoform 1]: Cell membrane; Single-pass type I membrane protein

**Tissue Location**



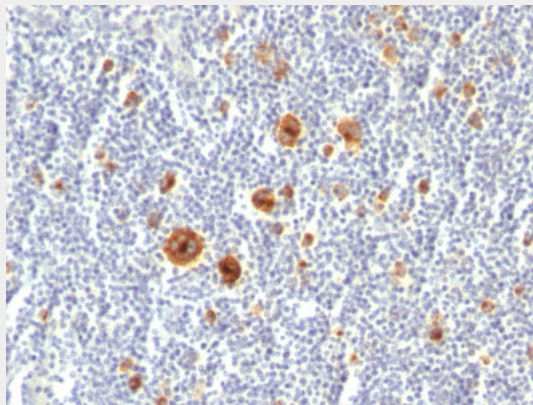
[Isoform 2]: Detected in alveolar macrophages (at protein level).

### **CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - With BSA and Azide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - With BSA and Azide - Images**



Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with CD30 Monoclonal Antibody (Ki-1/779).

### **CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - With BSA and Azide - Background**

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).

### **CD30 / TNFRSF8 (Hodgkin & Reed-Sternberg Cell Marker) Antibody - With BSA and Azide - References**

Smith, C.A., et al. 1993. CD30 antigen, a marker for Hodgkin's lymphoma, is a receptor whose ligand defines an emerging family of cytokines with homology to TNF. Cell 73: 1349-1360