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

Mouse Monoclonal Antibody [Clone Ber-H2]
Catalog # AH12687

Specification

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

Application	**IHC, IF, FC**
Primary Accession	P28908
Other Accession	943, 1314
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse / IgG1, kappa**
Calculated MW	**105-120kDa KDa**

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

Application Note
IHC~~1:100~500<br \>IF~~1:50~200<br \>FC~~1:10~50

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

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

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

Name TNFRSF8 (HGNC:11923)

Function
Receptor for TNFSF8/CD30L (PubMed: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:8999898).

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

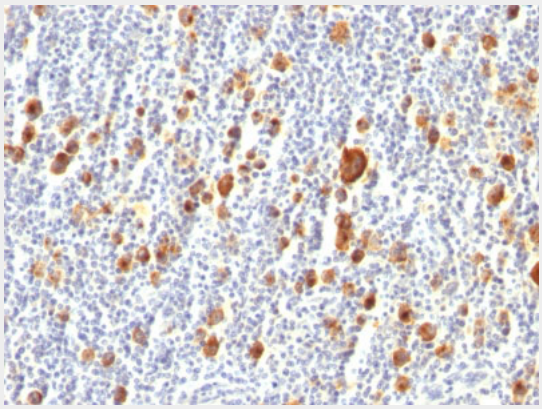
Tissue Location
[Isoform 2]: Detected in alveolar macrophages (at protein level).

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

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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



Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with CD30 Monoclonal Antibody (Ber-H2).

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

Recognizes a single chain glycoprotein of 105/120kDa, identified as CD30/Ki-1. Its epitope is located between aa112-412. 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).

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