

**CD30 Antibody**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO1674a****Specification****CD30 Antibody - Product Information**

Application	<b>E, WB, FC</b>
Primary Accession	<a href="#">P28908</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1</b>

**Description**

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

**Immunogen**

Purified recombinant fragment of human CD30 expressed in E. Coli. <br />

**Formulation**

Ascitic fluid containing 0.03% sodium azide. <br />

**CD30 Antibody - 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

**Dilution**

E~~1/10000  
WB~~1/500 - 1/2000  
FC~~1/200 - 1/400

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CD30 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**CD30 Antibody - Protein Information**

**Name** TNFRSF8 ([HGNC:11923](#))

**Function**

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

**Cellular Location**

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

**Tissue Location**

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

**CD30 Antibody - 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](#)