

**Anti-CD30/TNFRSF8 Antibody**  
**Catalog # ABO12714****Specification**

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**Anti-CD30/TNFRSF8 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P28908</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 8(TNFRSF8) detection. Tested with WB in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-CD30/TNFRSF8 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

**Calculated MW**

63747 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

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

**Protein Name**

Tumor necrosis factor receptor superfamily member 8

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

E.coli-derived human CD30 recombinant protein (Position: T322-K595). Human CD30 shares 60% and 57% amino acid (aa) sequences identity with mouse and rat CD30, respectively.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

Storage

**At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.**

#### Sequence Similarities

Contains 6 TNFR-Cys repeats.

### Anti-CD30/TNFRSF8 Antibody - Protein Information

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

#### Function

Receptor for TNFSF8/CD30L (PubMed: [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: [8999898](http://www.uniprot.org/citations/8999898)).

#### Cellular Location

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

#### Tissue Location

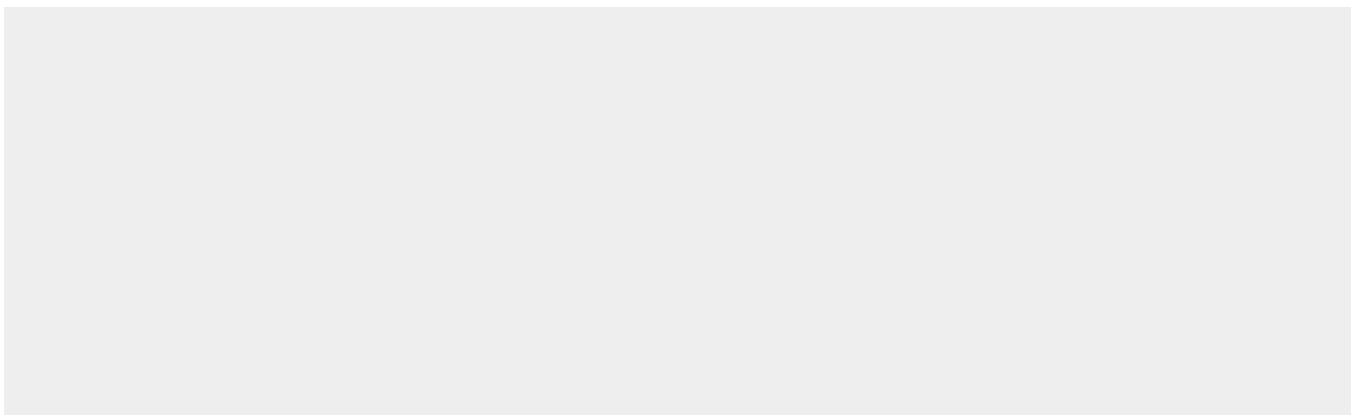
[Isoform 2]: Detected in alveolar macrophages (at protein level).

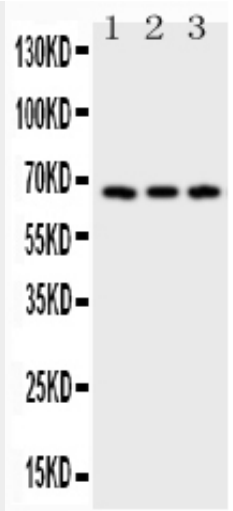
### Anti-CD30/TNFRSF8 Antibody - Protocols

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](#)

### Anti-CD30/TNFRSF8 Antibody - Images





Anti-CD30 Picoband antibody, ABO12714.jpg All lanes: Anti-CD30 (ABO12714) at 0.5ug/ml  
Lane 1: HELa Whole Cell Lysate at 40ug  
Lane 2: 293T Whole Cell Lysate at 40ug  
Lane 3: JURKAT Whole Cell Lysate at 40ug  
Predicted bind size: 67KD  
Observed bind size: 67KD

#### **Anti-CD30/TNFRSF8 Antibody - Background**

CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor family and tumor marker. 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. This gene is mapped to 1p36.22. CD30 is expressed in embryonal carcinoma but not in seminoma and is thus a useful marker in distinguishing between these germ cell tumors. CD30 mast cell activation represents an IgE-independent activation pathway, which is important for understanding cutaneous inflammation associated with mast cells. In addition to those, CD30 is also associated with anaplastic large cell lymphoma.