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Human CellExp CD30 /TNFRSF8, human recombinant protein

TNFRSF8, CD30, D1S166E, Ki-1
Catalog # PBV11012r

Specification

Human CellExp CD30 /TNFRSF8, human recombinant protein - Product info

Primary Accession	P28908
Calculated MW	**This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 39.3 kDa. The predicted N-terminus is Phe 19. DTT-reduced Protein migrates as 75-90 kDa due to glycosylation. KDa**

Human CellExp CD30 /TNFRSF8, human recombinant protein - Additional Info

Gene ID	**943**
Gene Symbol	**TNFRSF8**

Other Names
TNFRSF8, CD30, D1S166E, Ki-1

Gene Source	**Human**
Source	**HEK293 cells**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**
Results	**Measured by its ability to block CD30 Ligand-induced IL-6 secretion by HDLM human Hodgkin's lymphoma cells. The ED50 for this effect is typically 0.5 - 2.5 µg/ml in the presence of 50 ng/ml of Recombinant Human CD30 Ligand.**

Target/Specificity
CD30 /TNFRSF8

Application Notes
Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized

Storage
-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.

Human CellExp CD30 /TNFRSF8, human recombinant protein - Protocols

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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

Human CellExp CD30 /TNFRSF8, human recombinant protein - Images

Human CellExp CD30 /TNFRSF8, human recombinant protein - Background

Human CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor family and tumor marker. TNFRSF-8 is expressed by activated, but not by resting, T and B cells. Also, CD30 is expressed on classical Hodgkin Lymphoma cells together with CD15. CD30 is the receptor for TNFSF8/CD30L. CD30 can interact with TRAF2 and TRAF5, and mediate the signal transduction that leads to the activation of NF-kappa-B. TNFRSF8 may play a role in the regulation of cellular growth and transformation of activated lymphoblasts. TNFRSF8 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.

Human CellExp CD30 /TNFRSF8, human recombinant protein - References

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