

CD30
Catalog # PVGS1626**Specification**

CD30 - Product Information

Primary Accession [P28908](#)
Species
Human

Sequence
Phe19-Lys379

Purity
> 90% as analyzed by SDS-PAGE

Endotoxin Level
≤ 1 EU/ µg of protein by gel clotting method

Expression System
HEK 293

Formulation **Lyophilized from a 0.2 µm filtered solution in PBS.**

Reconstitution
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O or PBS up to 100 µg/ml.

Storage & Stability
Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

CD30 - Additional Information

Gene ID 943

Other Names
Tumor necrosis factor receptor superfamily member 8 {ECO:0000312|HGNC:HGNC:11923}, CD30L receptor, Ki-1 antigen, Lymphocyte activation antigen CD30, CD30, TNFRSF8 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=11923)

Target Background
CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor family, which regulates proliferation/apoptosis and antibody responses. CD30 is expressed by activated, but not by resting, T and B cells. Aberrant expression of CD30 by mastocytosis mast cells and interaction with its ligand CD30L (CD153) appears to play an important role in the pathogenesis and clinical presentation of systemic mastocytosis. CD30 has been considered as a

specific diagnostic biomarker of anaplastic large cell lymphoma (ALCL) and classical Hodgkin lymphoma (cHL). CD30 is also a biomarker used for targeted therapy by an antibody-drug conjugate.

CD30 - 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 - 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 - Images