

# CD30

Catalog # PVGS1626

## Product Information

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<b>Primary Accession Species</b>	<a href="#">P28908</a> Human
<b>Sequence</b>	Phe19-Lys379
<b>Purity</b>	> 90% as analyzed by SDS-PAGE
<b>Endotoxin Level</b>	≤ 1 EU/ $\mu$ g of protein by gel clotting method
<b>Expression System</b>	HEK 293
<b>Formulation Reconstitution</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in PBS. It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH <sub>2</sub> O or PBS up to 100 $\mu$ g/ml.
<b>Storage &amp; Stability</b>	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.

## Additional Information

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<b>Gene ID</b>	943
<b>Other Names</b>	Tumor necrosis factor receptor superfamily member 8 {ECO:0000312 HGNC:HGNC:11923}, CD30L receptor, Ki-1 antigen, Lymphocyte activation antigen CD30, CD30, TNFRSF8 ( <a href="#">HGNC:11923</a> )
<b>Target Background</b>	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.

## Protein Information

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<b>Name</b>	TNFRSF8 ( <a href="#">HGNC:11923</a> )
<b>Function</b>	Receptor for TNFSF8/CD30L (PubMed: <a href="#">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="#">8999898</a> ).
<b>Cellular Location</b>	[Isoform 1]: Cell membrane; Single-pass type I membrane protein
<b>Tissue Location</b>	[Isoform 2]: Detected in alveolar macrophages (at protein level).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.