



# CD30 Rabbit mAb

<b>Catalog No</b>	YP-rAb-17038
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB,IHC,IF,ELISA
<b>Gene Name</b>	TNFRSF8 CD30 D1S166E
<b>Protein Name</b>	Tumor necrosis factor receptor superfamily member 8 (CD30L receptor) (Ki-1 antigen) (Lymphocyte activation antigen CD30) (CD antigen CD30)
<b>Purification Process</b>	Protein A
<b>Specificity</b>	Endogenous
<b>Formulation</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-15° C to -25° C/1 year(Do not lower than -25° C)
<b>Synonyms</b>	Tumor necrosis factor receptor superfamily member 8 ; CD30L receptor ; Ki-1 antigen ; Lymphocyte activation antigen CD30 ; CD antigen CD30 ; TNFRSF8 ; CD30 ; D1S166E ;
<b>Observed Band</b>	95kD
<b>Calculated Molecular Weight</b>	64kD
<b>Cell Pathway</b>	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Cytoplasm .
<b>Tissue Specificity</b>	[Isoform 2]: Detected in alveolar macrophages (at protein level).
<b>Function</b>	Disease:Most specific Hodgkin disease associated antigen.,Function:Receptor for TNFSF8/CD30L. May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa-B.,PTM:Phosphorylated on serine and tyrosine residues.,similarity:Contains 6 TNFR-Cys repeats.,subunit:Interacts with TRAF1, TRAF2, TRAF3 and TRAF5.,
<b>Background</b>	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

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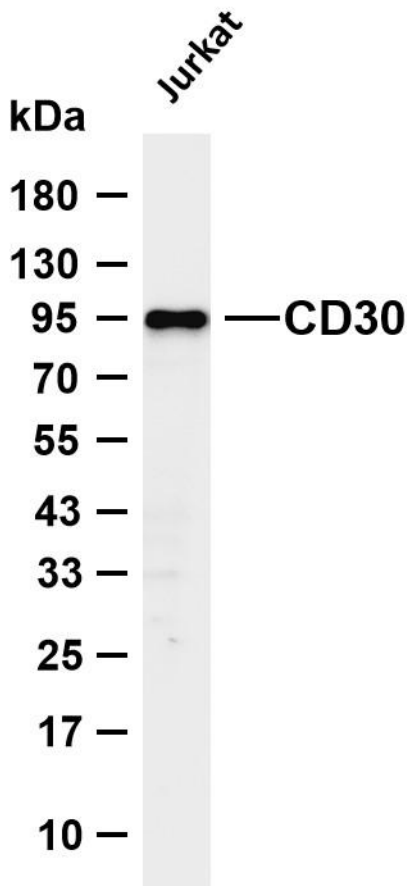
apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD30 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Jurkat Predicted band size: 64kDa Observed band size: 95kDa

