

## ARG62410 anti-CD30 antibody [Ber-H2]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [Ber-H2] recognizes CD30
Tested Reactivity	Hu
Tested Application	IHC-Fr, IHC-P
Specificity	Reacts with mononuclear cells in Hodgkin lymphoma, Reed-Sternberg cells and most anaplastic large cell lymphomas.
Host	Mouse
Clonality	Monoclonal
Clone	Ber-H2
Isotype	IgG1
Target Name	CD30
Species	Human
Immunogen	BALB/C mice were injected with L428 cell line cells
Conjugation	Un-conjugated
Alternate Names	Tumor necrosis factor receptor superfamily member 8; Ki-1 antigen; CD30; Ki-1; Lymphocyte activation antigen CD30; CD antigen CD30; D1S166E; CD30L receptor

### Application Instructions

Application table	Application	Dilution
	IHC-Fr	1:10 - 1:2000
	IHC-P	1:10 - 1:25

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Buffer	PBS and 0.05% Sodium azide
Preservative	0.05% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 943 Human</a> <a href="#">Swiss-port # P28908 Human</a>
Gene Symbol	TNFRSF8
Gene Full Name	tumor necrosis factor receptor superfamily, member 8
Background	CD30 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 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]
Function	CD30 is a 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). [UniProt]
Research Area	Cancer antibody; Immune System antibody
Calculated Mw	64 kDa
PTM	Phosphorylated on serine and tyrosine residues.
Cellular Localization	Cytoplasm and Cell membrane.