

## 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><br><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.  |