

## ARG22017 anti-CD30 antibody [mCD30.1] (low endotoxin)

Package: 250 µg  
Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Azide free and low endotoxin Hamster Monoclonal antibody [mCD30.1] recognizes CD30  |
| Tested Reactivity   | Ms  |
| Tested Application  | BL, FACS  |
| Specificity         | Mouse CD30  |
| Host                | Hamster   |
| Clonality           | Monoclonal  |
| Clone               | mCD30.1   |
| Isotype             | IgG1  |
| Target Name         | CD30  |
| Antigen Species     | Mouse   |
| Immunogen           | Mouse CD30-Mouse IgG1 fusion protein  |
| 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                     |
|                   | BL   | Assay-dependent              |
|                   | FACS   | < 3 µg/10 <sup>6</sup> cells |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                              |
| Calculated Mw     | 64 kDa   |                              |

### Properties

|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification Note   | Low endotoxin   |
| Buffer              | PBS   |
| Concentration       | 0.5 mg/ml   |
| 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. 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: 21941 Mouse</a><br><a href="#">Swiss-port # Q60846 Mouse</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]   |