

ARG22016
anti-CD30 antibody [mCD30.1] (PE)Package: 50 µg
Store at: 4°C

Summary

Product Description	PE-conjugated 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
Species	Mouse
Immunogen	Mouse CD30-Mouse IgG1 fusion protein
Conjugation	PE
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	< 0.2 µg/10 ⁶ cells

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

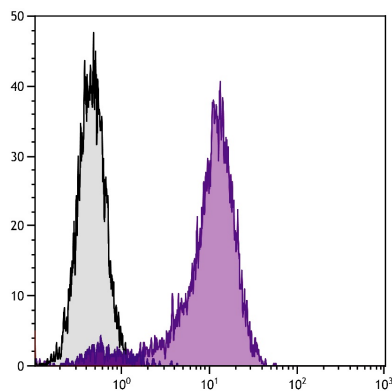
Properties

Form	Liquid
Buffer	PBS, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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

Database links	GeneID: 21941 Mouse Swiss-port # Q60846 Mouse
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]
Calculated Mw	64 kDa
PTM	Phosphorylated on serine and tyrosine residues.

Images



ARG22016 anti-CD30 antibody [mCD30.1] (PE) FACS image

Flow Cytometry: NIH/Swiss Mouse fibroblast cell line 3T3 and mCD30-Ig transfected 3T3 cells stained with ARG22016 anti-CD30 antibody [mCD30.1] (PE).