

ARG62809 anti-CD30 antibody [MEM-268]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [MEM-268] recognizes CD30
Tested Reactivity	Hu
Tested Application	FACS, IHC-P
Specificity	The clone MEM-268 recognizes extracellular part of CD30 (Ki-1 antigen), a 105 kDa single chain glycoprotein expressed on Hodgkin's and Reed-Sternberg cells; it is also found in Burkitt's lymphomas, virus-infected T and B lymphocytes, and on normal B and T lymphocytes after activation (T lymphocytes that produce Th2-type cytokines and on CD4+/CD8+ T lymphocytes that co-express CD45RO and the IL4 receptor).
Host	Mouse
Clonality	Monoclonal
Clone	MEM-268
Isotype	IgG
Target Name	CD30
Immunogen	Expression vector containing CD30 cDNA (booster suspension of THP-1 cell line)
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
	FACS	5 µg/ml
	IHC-P	5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	IHC-P: Thymus	

Properties

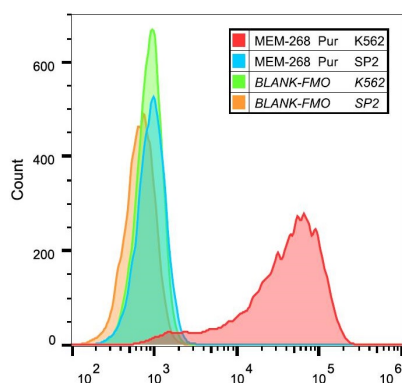
Form	Liquid
Purification	Purified from ascites by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml

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 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

Database links	GeneID: 943 Human Swiss-port # P28908 Human
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]
Highlight	Related products: CD30 antibodies ; CD30 ELISA Kits ; Anti-Mouse IgG secondary antibodies ; Related news: Lymphoma
Research Area	Cancer antibody; Immune System antibody
Calculated Mw	64 kDa
PTM	Phosphorylated on serine and tyrosine residues.

Images



ARG62809 anti-CD30 antibody [MEM-268] FACS image

Flow Cytometry: K562 cells stained with ARG62809 anti-CD30 antibody [MEM-268], followed by APC-conjugated Goat anti-Mouse antibody.