

ARG43307 anti-CD30 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD30
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD30
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence of Human CD30. (HGNPSHYDDKAVRRCCYR)
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-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Raw264.7 and ANA-1	
Observed Size	~ 120 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
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 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.

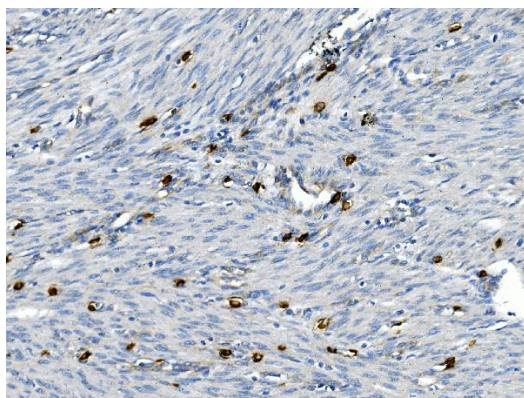
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

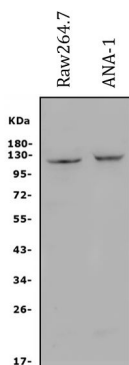
Gene Symbol	TNFRSF8
Gene Full Name	tumor necrosis factor receptor superfamily, member 8
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, 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	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. [UniProt]
Cellular Localization	Isoform 1: Cell membrane; Single-pass type I membrane protein. Isoform 2: Cytoplasm. [UniProt]

Images



ARG43307 anti-CD30 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human endometrial carcinoma tissue. Antigen Retrieval: Heat mediation was performed in EDTA buffer (pH 8.0). The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG43307 anti-CD30 antibody at 2 µg/ml dilution, overnight at 4°C.



ARG43307 anti-CD30 antibody WB image

Western blot: 30 µg of sample under reducing conditions. Raw264.7 and ANA-1 whole cell lysates stained with ARG43307 anti-CD30 antibody at 0.5 µg/ml dilution, overnight at 4°C.