

ARG42650 anti-CD153 / CD30 Ligand antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD153 / CD30 Ligand
Tested Reactivity	Hu
Tested Application	FACS, IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD153 / CD30 Ligand
Species	Human
Immunogen	Recombinant protein corresponding to Q63-D234 of Human CD153 / CD30 Ligand.
Conjugation	Un-conjugated
Alternate Names	Tumor necrosis factor ligand superfamily member 8; CD30L; CD30-L; CD153; CD antigen CD153; CD30LG; CD30 ligand

Application Instructions

Application table	Application	Dilution
	FACS	1:150 - 1:500
	IHC-P	1:200 - 1:1000

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

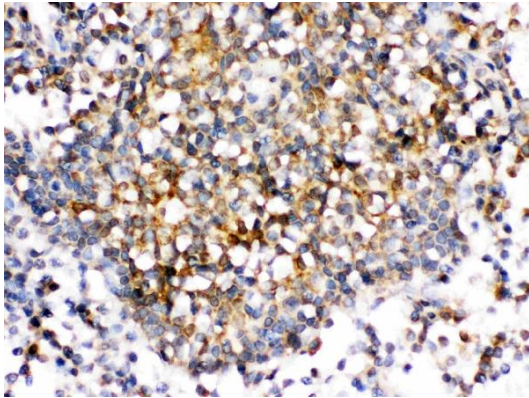
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
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

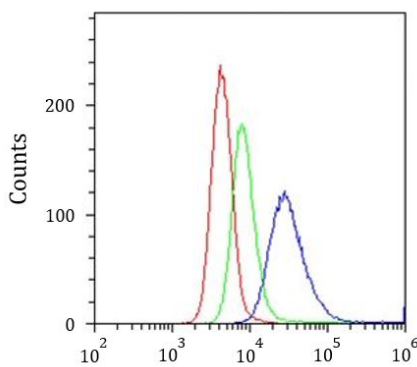
Gene Symbol	TNFSF8
Gene Full Name	tumor necrosis factor (ligand) superfamily, member 8
Background	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]
Function	Cytokine that binds to TNFRSF8/CD30. Induces proliferation of T-cells. [UniProt]
Calculated Mw	26 kDa
Cellular Localization	Membrane; Single-pass type II membrane protein. [UniProt]

Images



ARG42650 anti-CD153 / CD30 Ligand antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue stained with ARG42650 anti-CD153 / CD30 Ligand antibody at 1 $\mu\text{g}/\text{ml}$ dilution.



ARG42650 anti-CD153 / CD30 Ligand antibody FACS image

Flow Cytometry: U937 cells were blocked with 10% normal goat serum and then stained with ARG42650 anti-CD153 / CD30 Ligand antibody (blue) at 1 $\mu\text{g}/10^6$ cells for 30 min at 20°C, followed by incubation with DyLight[®]488 labelled secondary antibody. Isotype control antibody (green) was Rabbit IgG (1 $\mu\text{g}/10^6$ cells) used under the same conditions. Unlabelled sample (red) was also used as a control.