

anti-Human CD153 Polyclonal Antibody | anti-CD153 antibody

Anti-CD153 Antibody

CATALOG # AAA46369	REACTIVITY Human	APPLICATIONS Immunohistochemistry
------------------------------	----------------------------	---

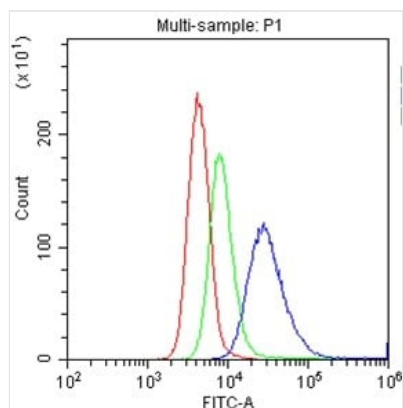
PRODUCT SYNONYMS

CD153; Polyclonal Antibody; Anti-CD153 Antibody; Tumor necrosis factor ligand superfamily member 8; CD153 antigen; CD30 antigen ligand; CD30 L; CD30 ligand; CD30-L; CD30L; CD30LG; MGC138144; TNFL8_HUMAN; Tnfsf8; Tumor necrosis factor (ligand) superfamily member 8; tumor necrosis factor superfamily member 8; anti-CD153 antibody

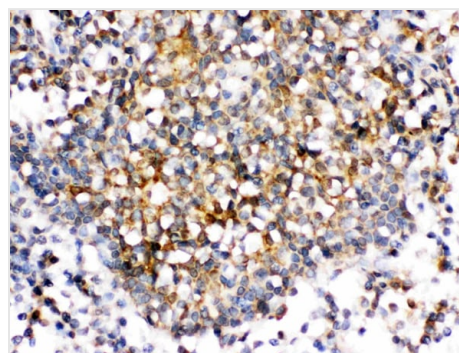
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	234
Applicable Applications for anti-CD153 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived human CD153 recombinant protein (Position: Q63-D234). Human CD153 shares 75% amino acid (aa) sequence identity with mouse CD153.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



Application Data



IHC (Immunohistochemistry)

CD153 was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti-CD153 Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.

ADDITIONAL INFORMATION

Related Product Information for anti-CD153 antibody	Description: Rabbit IgG polyclonal antibody for Tumor necrosis factor ligand superfamily member 8(TNFSF8) detection. Tested with IHC-P in Human. Background: CD153 is a ligand for CD30. 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.
References	1. Cerutti, A., Schaffer, A., Goodwin, R. G., Shah, S., Zan, H., Ely, S., Casali, P. Engagement of CD153 (CD30 ligand) by CD30-positive T cells inhibits class switch DNA recombination and antibody production in human IgD-positive IgM-positive B cells. J. Immun. 165: 786-794, 2000. 2. Croager, E. J., Abraham, L. J. Characterisation of the human CD30 ligand gene structure. Biochim. Biophys. Acta 1353: 231-235, 1997. 3. Fischer, M., Harvima, I. T., Carvalho, R. F. S., Moller, C., Naukkarinen, A., Enblad, G., Nilsson, G. Mast cell CD30 ligand is upregulated in cutaneous inflammation and mediates degranulation-independent chemokine secretion. J. Clin. Invest. 116: 2748-2756, 2006.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507607
NCBI GeneID	944
NCBI Accession #	NP_001235.1
NCBI GenBank Nucleotide #	NM_001244.3
UniProt Accession #	P32971; O43404
Molecular Weight	26,017 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 8 isoform 1
NCBI Official Synonym Full Names	tumor necrosis factor superfamily member 8
NCBI Official Symbol	TNFSF8
NCBI Official Synonym Symbols	CD153; CD30L; CD30LG; TNLG3A
NCBI Protein Information	tumor necrosis factor ligand superfamily member 8
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 8
UniProt Gene Name	TNFSF8
UniProt Synonym Gene Names	CD30L; CD30LG; CD30-L
UniProt Entry Name	TNFL8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.