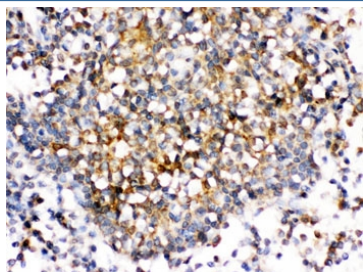


CD153 Antibody / CD30L (R32072)

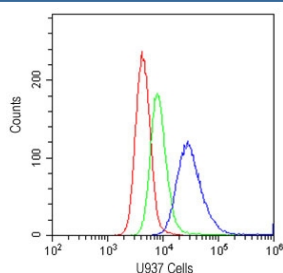
Catalog No.	Formulation	Size
R32072	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P32971
Localization	Cytoplasmic, membrane
Applications	Immunohistochemistry (FFPE) : 0.5-1ug/ml Flow Cytometry : 1-3ug/10 ⁶ cells
Limitations	This CD153 antibody is available for research use only.



IHC testing of FFPE human tonsil with CD153 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



Flow cytometry testing of human U937 cells with CD153 antibody at 1ug/10⁶ cells (cells blocked with goat sera); Red=cells alone, Green=isotype control, Blue=CD153 antibody.

Description

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.

Application Notes

Optimal dilution of the CD153 antibody should be determined by the researcher.

Immunogen

Amino acids 63-234 of human CD153 were used as the immunogen for the CD153 antibody.

Storage

After reconstitution, the CD153 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.