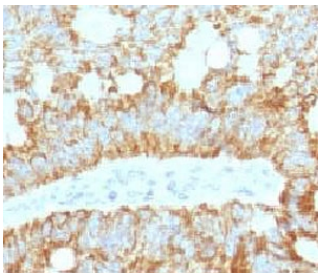
ICOS Ligand Antibody / ICOS-L / B7RP-1 [clone ISLG-1] (V7532)

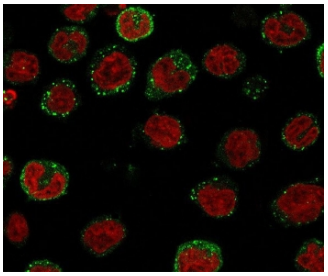
Catalog No.	Formulation	Size
V7532-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7532-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7532SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7532IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

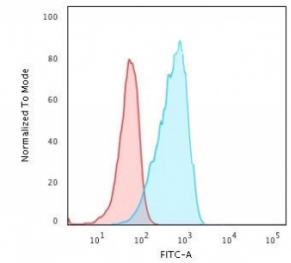
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	ISLG-1
Purity	Protein G affinity chromatography
UniProt	O75144
Localization	Cell surface
Applications	Flow cytometry: 1-2ug/million cells Immunofluorescence: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This ICOS Ligand antibody is available for research use only.



ICOS Ligand Antibody Colon Carcinoma IHC. Immunohistochemistry staining of FFPE human colon carcinoma with ICOS Ligand antibody (clone ISLG-1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



ICOS Ligand Antibody IF. Immunofluorescence staining of human U937 cells with ICOS Ligand antibody (green, clone ISLG-1) and Reddot nuclear stain (red).



ICOS Ligand Antibody FACS. Flow cytometry testing of human U937 cells with ICOS Ligand antibody (clone ISLG-1); Red=isotype control, Blue= ICOS Ligand antibody.

Description

Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function (By similarity). [UniProt]

Researchers investigating immune checkpoint biology, adaptive immune activation, and T-cell costimulation pathways may also be interested in our ICOSL Antibody / T-Cell Costimulation Marker page featuring additional validation modalities including immunofluorescence, flow cytometry, immunohistochemistry, and protein microarray specificity analysis.

Application Notes

Optimal dilution of the ICOS Ligand antibody should be determined by the researcher.
1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A recombinant fragment of human ICOSLG / B7RP-1 protein within amino acids 23-149 was used as the immunogen for the ICOS Ligand antibody.

Storage

Store the ICOS Ligand antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Copyright © NSJ Bioreagents. All rights reserved.