

Anti-ICOS Ligand Antibody [ICOSL/3111] (A248576)

Specifications:

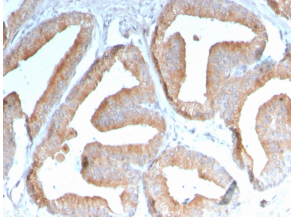
Name:	Anti-ICOS Ligand Antibody [ICOSL/3111]
Description:	Mouse monoclonal [ICOSL/3111] antibody to ICOS Ligand.
Specificity:	This antibody recognizes a protein of 36kDa, identified as ICOS-L. It is a ligand for the ICOS receptor that initiates T and B cell proliferation and cytokine secretion. ICOS-L interactions play an essential role in T cell-dependent B cell activation in peripheral lymphoid organs such as spleen and lymph nodes. ICOS-L protein is present in myeloid leukocytes, and by Northern blot there are 2.4, 3.0, and 7.0 kb transcripts in brain, heart, kidney, and liver, with lower expression in colon and thymus, and a 1.1 kb transcript in leukocytes. Tumor necrosis factor alpha (TNF), granulocyte-macrophage colony-stimulating factor (GM-CSF) and interleukin-4 (IL-4) enhance its expression. LPS-induced up-regulation of ICOS-L is dependent on the MyD88-dependent signaling pathway.
Applications:	ELISA, Flow Cytometry, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 23-149, of human ICOSLG protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	ICOSL/3111
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-ICOS Ligand Antibody [ICOSL/3111] - BSA and Azide free (A251758).

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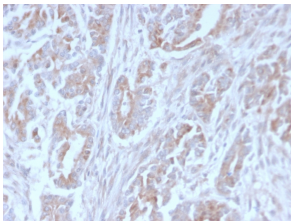
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

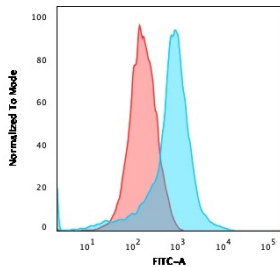
Images:



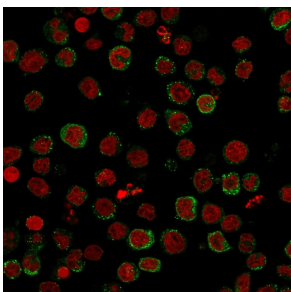
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human prostate carcinoma using Anti-ICOS Ligand Antibody [ICOSL/3111].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human colon carcinoma using Anti-ICOS Ligand Antibody [ICOSL/3111].



Flow cytometric analysis of U937 cells using Anti-ICOS Ligand Antibody [ICOSL/3111] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).



Immunofluorescent analysis of U937 cells stained with Anti-ICOS Ligand Antibody [ICOSL/3111] followed by Goat Anti-Mouse IgG (CF® 488) (Green). Nuclei are stained with RedDot.