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anti-ICOSLG antibody (AA 23-149)



Images



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Quantity:	100 μg	
Target:	ICOSLG	
Binding Specificity:	AA 23-149	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This ICOSLG antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Coating (Coat), Staining Methods (StM)	

Product Details

Immunogen:	Recombinant fragment of human ICOSLG (B7RP-1) protein (around aa 23-149) (exact	
	sequence is proprietary)	
Clone:	ICOSL-3111	
Isotype:	IgG1 kappa	
Specificity:	This MAb recognizes a protein of 36 kDa, 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),	

Product Details

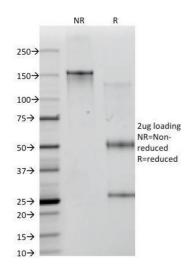
	granulocyte-macrophage colony-stimulating factor (GM-CSF) and interleukin-4 (IL-4) enhance	
	its expression. LPS-induced up-regulation of ICOS-L is dependent on the MyD88-dependent	
	signaling pathway.	
Purification:	Purified by Protein A/G	
Target Details		
Target:	ICOSLG	
Alternative Name:	ICOSLG (ICOSLG Products)	
Molecular Weight:	36kDa	
Gene ID:	23308	
UniProt:	075144	
Pathways:	Production of Molecular Mediator of Immune Response, Activated T Cell Proliferation	
Application Details		
Application Notes:	Positive Control: U937, HL60, HuT78 and HUVEC lysates (WB). Human tonsil tissue (IHC).	
	Known Application: ELISA (For coating, order antibody without BSA), Flow Cytometry (1-2 \upmu	
	g/million cells), ,Immunofluorescence (1-2 µg/mL),Immunohistochemistry (Formalin-fixed) (1-2	
	μg/mL for 30 min at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in	
	10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for	
	20 minutes),Optimal dilution for a specific application should be determined.	
Restrictions:	For Research Use only	
Handling		
Concentration:	200 μg/mL	
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-80 °C	
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody	

is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date:

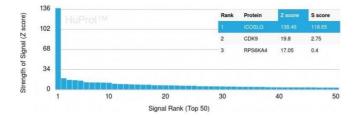
24 months

Images



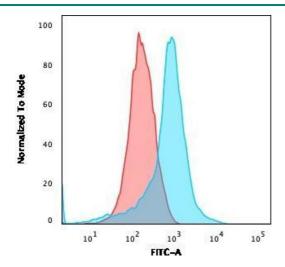
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified ICOS-L Mouse Monoclonal Antibody (ICOSL/3111). Confirmation of Purity and Integrity of Antibody.



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using ICOS-L Mouse Monoclonal Antibody (ICOSL/3111). Z- and S- Score: The Zscore represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SDs) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Zscore, the S-score is the difference (also in units of SDs) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Flow Cytometry

Image 3. Flow Cytometric Analysis of U937 cells using ICOS-L Mouse Monoclonal Antibody (ICOSL/3111) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).

Please check the product details page for more images. Overall 6 images are available for ABIN6939407.