

## Anti-ICOS ligand ICOSLG Antibody

Catalog Number: A01965

### About ICOSLG

Inhibitor of apoptosis proteins (IAPs) were initially identified in baculoviruses as proteins that inhibit apoptosis of the host cells to allow time for viral replication. Cellular homologues containing at least one baculoviral IAP repeat (BIR) motif essential for their anti-apoptosis activity have been identified in yeasts and higher organisms and often act by binding and inhibiting processed caspases. The activity of these proteins can be modulated by the expression of proteins such as Smac/DIABLO and XAF-1 which displace or prevent the binding of caspases by IAPs. Recently, a mitochondrial serine protease termed Omi/HtrA2 has been found to bind IAPs. Similar to Smac, Omi possesses a conserved IAP-binding motif, but acts to cleave IAPs to irreversibly inactivate IAPs and promote apoptosis.

### Overview

Product Name	Anti-ICOS ligand ICOSLG Antibody
Reactive Species	Human
Description	Boster Bio Anti-ICOS ligand ICOSLG Antibody (Catalog # A01965). Tested in ELISA, WB, IHC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	ICOSLG Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ICOSLG antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O75144

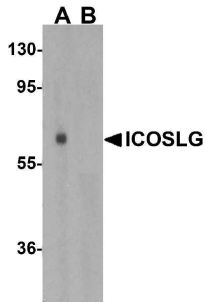
### Technical Details

Immunogen	ICOSLG antibody was raised against a peptide corresponding to 17 amino acids near the center of human ICOSLG. The immunogen is located within amino acids 150 - 200 of ICOSLG.
Predicted Reactive Species	Mouse
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ICOSLG Antibody is affinity chromatography purified via peptide column.

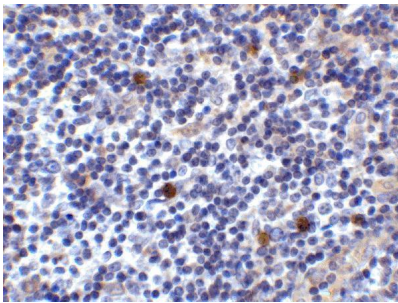
Suggested Dilutions

ICOSLG antibody can be used for Western blot at 1 ug/mL. Antibody can also be used for Immunohistochemistry at 2 ug/mL. For Immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

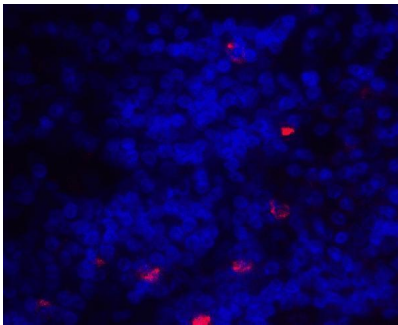
## Anti-ICOS ligand ICOSLG Antibody (A01965) Images



Western blot analysis of ICOSLG in human lymph node tissue lysate with ICOSLG antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ICOSLG in human lymph node tissue with ICOSLG antibody at 2 ug/ml.



Immunofluorescence of ICOSLG in human lymph node tissue with ICOSLG antibody at 20 ug/ml.

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