

Rabbit anti-Mouse B7-H2/ICOSLG Polyclonal Antibody | anti-B7-H2/ICOSLG antibody

Anti-B7-H2/ICOSLG Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259125	Rabbit	Mouse	Immunoprecipitation, ELISA, Western Blot

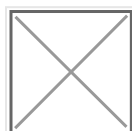
PRODUCT SYNONYMS

B7-H2/ICOSLG; Polyclonal Antibody; Anti-B7-H2/ICOSLG Antibody; Rabbit Polyclonal; inducible T-cell co-stimulator ligand; Anti-B7-H2 Antibody; Anti-B7h Antibody; Anti-B7RP-1 Antibody; Anti-GI50 Antibody; Anti-GL50 Antibody; Anti-GL50-B Antibody; Anti-ICOS-L Antibody; Anti-Icoslg Antibody; Anti-LICOS Antibody; anti-B7-H2/ICOSLG antibody

PRODUCT SPECIFICATIONS

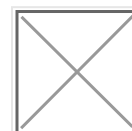
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse B7-H2/ICOSLG
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-B7-H2/ICOSLG antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse ICOS ligand Protein
Preparation	Produced in rabbits immunized with purified, recombinant Mouse ICOS ligand (rM ICOS ligand). ICOS ligand specific IgG was purified by Mouse ICOS ligand affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-ICOS Ligand/ICOSL rabbit polyclonal antibody at 1:500 dilution. Lane A: Mouse heart tissue lysate. Lane B: Mouse kidney tissue lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 33 kDa



IP (Immunoprecipitation)

mB7H2 was immunoprecipitated using: Lane A: 0.5 mg Mouse liver Whole Cell Lysate. Lane B: 0.5 mg Mouse kidney Whole Cell Lysate + 4 uL anti-mB7H2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-mB7H2 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 33 kDa. Observed band size: 36 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-B7-H2/ICOSLG antibody	Inducible co-stimulator ligand (ICOSL), also known as B7-H2, is a member of the B7 family of co-stimulatory molecules related to B7-1 and B7-2. It is a transmembrane glycoprotein with extracellular IgV and IgC domains and binds to ICOS on activated T cells, thus delivers a positive costimulatory signal for optimal T cell function. The structural features of ICOSL are crucial for its costimulatory function. The present study shows that ICOSL displays a marked oligomerization potential, resembling more like B7-1 than B7-2. B7-H2-dependent signaling may play an active role in a proliferative response rather than in cytokine and chemokine production. The CD28/B7 and ICOS/B7-H2 pathways are both critical for costimulating T cell immune responses. Deficiency in either pathway results in defective T cell activation, cytokine production, and germinal center formation.
References	Flesch IE. (2002) Inducible costimulator-ligand (ICOS-L). J Biol Regul Homeost Agents. 16(3): 217-9. Kajiwara K, et al. (2009) Expression and function of the inducible costimulator ligand B7-H2 in human airway smooth muscle cells. Allergol Int. 58(4): 573-83. Wong SC, et al. (2009) Functional hierarchy and relative contribution of the CD28/B7 and ICOS/B7-H2 costimulatory pathways to T cell-mediated delayed-type hypersensitivity. Cell Immunol. 256(1-2): 64-71.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/b7-h2-icoslg-antibody-immunoprecipitation-western-blot-elisa/259125>