

## Goat anti-ICOS ligand / B7-H2 Antibody

<b>Item Number</b>	dAP-3304
<b>Target Molecule</b>	Principle Name: ICOS ligand / B7-H2; Official Symbol: ICOSLG; All Names and Symbols: ICOSLG; inducible T-cell co-stimulator ligand; B7-H2; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; LICOS; B7 homolog 2; B7 homologue 2; B7-like protein GL50; B7-related protein 1; ICOS ligand; transmembrane protein B7-H2 ICOS ligand; Accession Number (s): NP_056074.1; NP_001269979.1; NP_001269980.1; NP_001269981.1; Human Gene ID(s): 23308; Non-Human GeneID(s):
<b>Immunogen</b>	SQTGNDIGERDKIT, is from internal region This antibody is expected to recognize all reported isoforms (NP_056074.1; NP_001269979.1; NP_001269980.1; NP_001269981.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Approx 33kDa band observed in Human Lymph Node lysates (calculated MW of 33.3kDa according to NP_056074.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Martin-Orozco N, Li Y, Wang Y, Liu S, Hwu P, Liu YJ, Dong C, Radvanyi L. Melanoma cells express ICOS ligand to promote the activation and expansion of T-regulatory cells. Cancer research 2010 Dec 70 (23): 9581-90..PMID: 21098714->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**