

## Product datasheet for TA808779

### ICOS Ligand (ICOSLG) Mouse Monoclonal Antibody [Clone ID: OTI2C5]

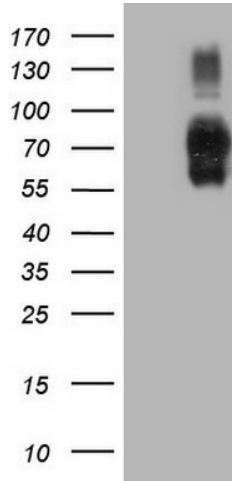
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2C5
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ICOSLG (NP_056074) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	33.2 kDa
Gene Name:	inducible T-cell costimulator ligand
Database Link:	<a href="#">NP_056074 Entrez Gene 23308 Human</a>
Background:	Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function. [UniProtKB/Swiss-Prot Function]
Synonyms:	B7-H2; B7h; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; LICOS
Protein Families:	Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)

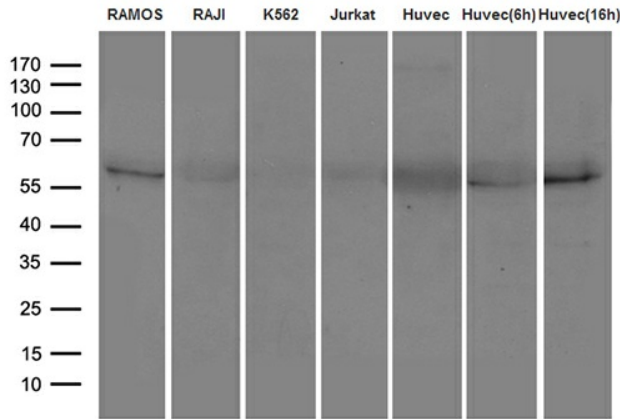


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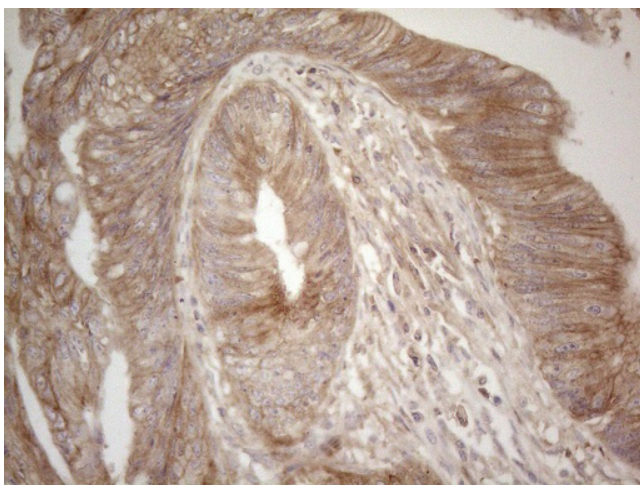
Product images:



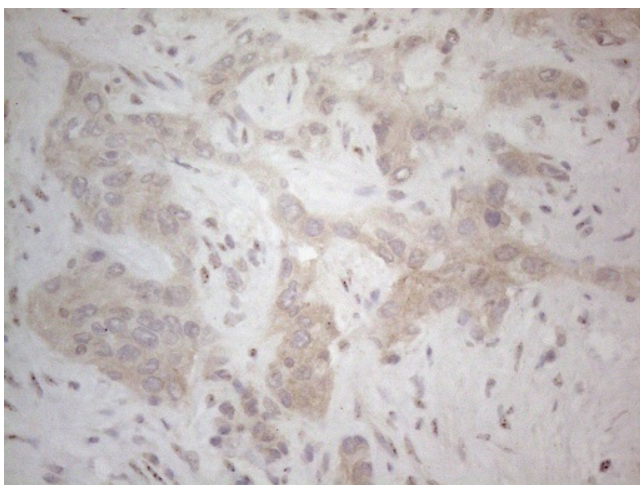
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ICOSLG ([RC208975], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ICOSLG (1:2000). Positive lysates [LY402420] (100ug) and [LC402420] (20ug) can be purchased separately from OriGene.



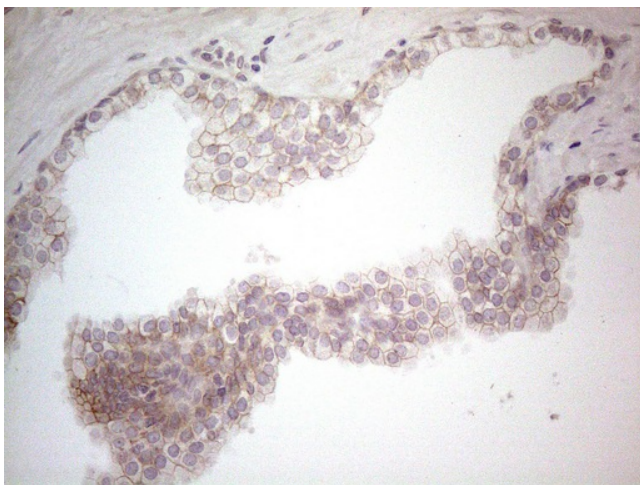
Western blot analysis of 35ug lysates of Ramos, Raji, K562, Jurkat cell lines and TNF-a recombinant protein (100ng/ml, [TP750007]) stimulated HUVEC cells for 0h, 6h and 16h (1:500).



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-ICOSLG mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808779) (1:150)



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-ICOSLG mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808779) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-ICOSLG mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808779) (1:150)