

Product datasheet for **UM800144CF**

ICOS Ligand (ICOSLG) Mouse Monoclonal Antibody [Clone ID: UMAB254]

Product data:

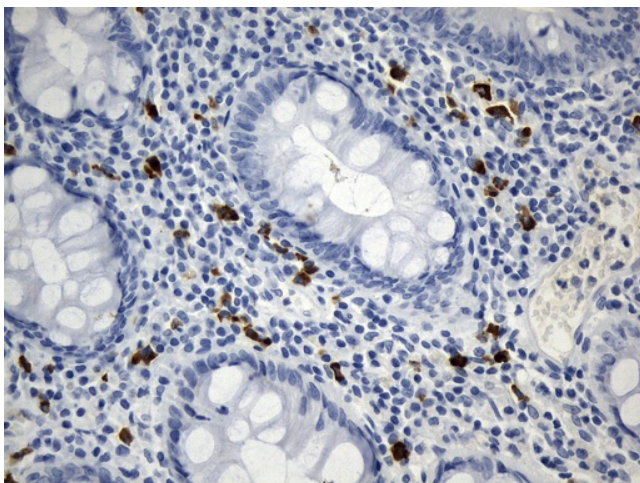
Product Type:	Primary Antibodies
Clone Name:	UMAB254
Applications:	10k-ChIP, IHC, WB
Recommended Dilution:	WB 1:1000, IHC 1:100~300
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ICOSLG (NP_056074) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33.2 kDa
Gene Name:	inducible T cell costimulator ligand
Database Link:	NP_056074 Entrez Gene 23308 Human O75144
Synonyms:	B7-H2; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; LICOS
Protein Families:	Transmembrane



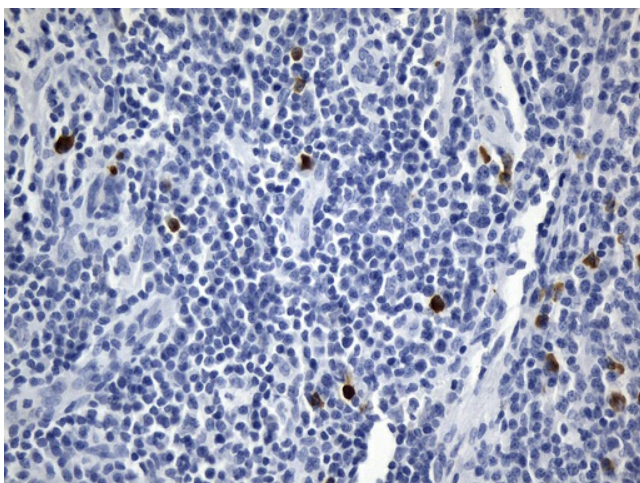
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Protein Pathways: Cell adhesion molecules (CAMs)

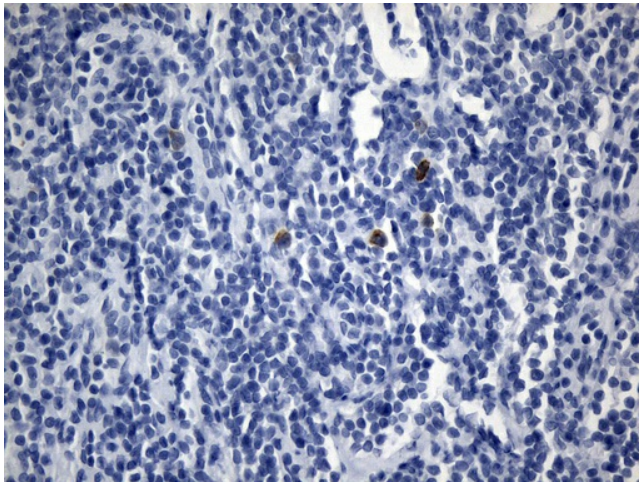
Product images:



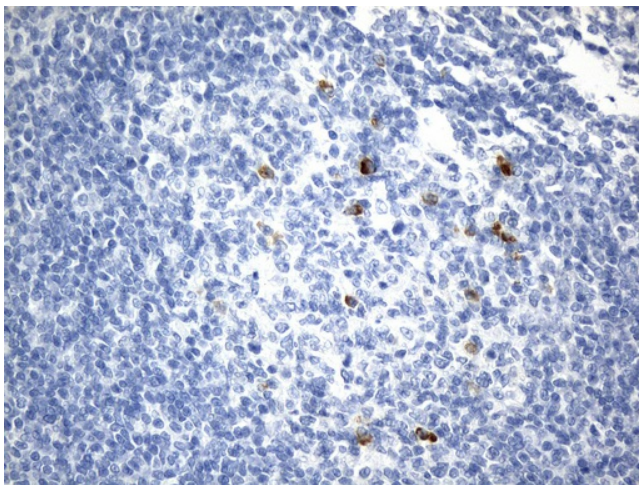
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-ICOSLG (B7H2, CD275) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800144]) (1:300)



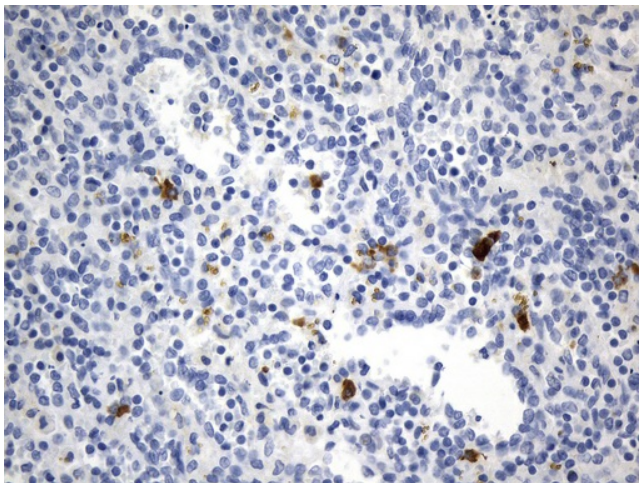
Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-ICOSLG (B7H2, CD275) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800144]) (1:300)



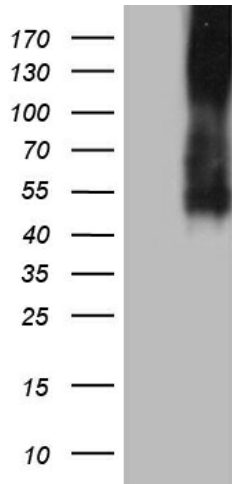
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-ICOSLG (B7H2, CD275) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800144]) (1:300)



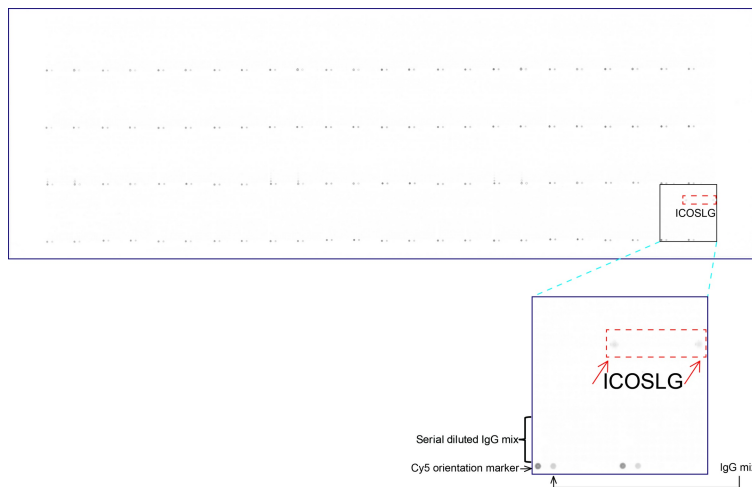
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-ICOSLG (B7H2, CD275) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800144]) (1:300)



Immunohistochemical staining of paraffin-embedded Human spleen tissue within the normal limits using anti-ICOSLG (B7H2, CD275) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800144]) (1:300)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ICOSLG (B7H2, CD275) ([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 (B7H2, CD275) (1:1000).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-ICOSLG (B7H2, CD275) mouse monoclonal antibody ([UM800144]). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification (1:100).