

ICOSLG Polyclonal Antibody

Catalog No: #42215

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

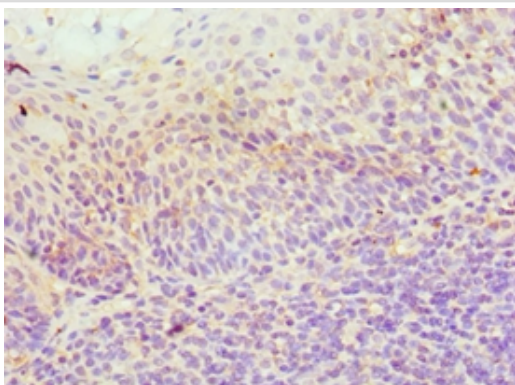
Description

Product Name	ICOSLG Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total ICOSLG polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human ICOS ligand protein (19-256aa)
Target Name	ICOSLG
Other Names	B7 homolog 2, B7-H2, B7-like protein GI50, B7-related protein 1, B7RP-1, CD275, ICOSLG, B7H2, B7RP1, ICOSL, KIAA0653
Accession No.	Swiss-Prot#: O75144
Uniprot	O75144
GeneID	23308;
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

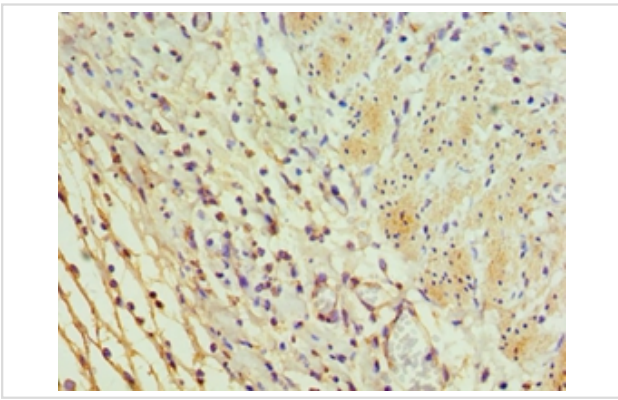
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human tonsil using #42215 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human epityphlon using #42215 at dilution of 1:100.

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 (By similarity).

References

[1]"Characterization of a new human B7-related protein: B7RP-1 is the ligand to the co-stimulatory protein ICOS."Yoshinaga S.K., Zhang M., Pistillo J., Horan T., Khare S.D., Miner K., Sonnenberg M., Boone T., Brankow D., Dai T., Delaney J., Han H., Hui A., Kohno T., Manoukian R., Whoriskey J.S., Coccia M.A.Int. Immunol. 12:1439-1447(2000). [2]"Identification of GL50, a novel B7-like protein that functionally binds to ICOS receptor." Ling V., Wu P.W., Finnerty H.F., Bean K.M., Spaulding V., Fouser L.A., Leonard J.P., Hunter S.E., Zollner R., Thomas J.L., Miyashiro J.S., Jacobs K.A., Collins M.J. Immunol. 164:1653-1657(2000). [3]"Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry."Liu T., Qian W.-J., Gritsenko M.A., Camp D.G. II, Monroe M.E., Moore R.J., Smith R.D. J. Proteome Res. 4:2070-2080(2005).

Note: This product is for in vitro research use only