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Research Use Only. Not for diagnostic or therapeutic use.

EB09484 - Goat Anti-ICOS Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ICOS, inducible T-cell co-stimulator, AILIM, CD278, MGC39850, activation-inducible lymphocyte immunomediatory molecule, inducible costimulator

Official Symbol: ICOS

Accession Number(s): NP_036224.1

Human GeneID(s): 29851

Non-Human GeneID(s): 54167 (mouse)

Immunogen

Peptide with sequence KGGQILCDLTKTKGS, from the internal region of the protein sequence according to NP_036224.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

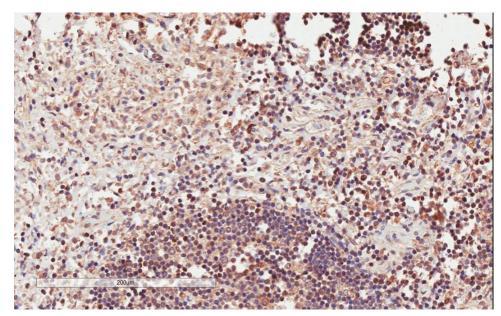
Western blot: Preliminary experiments gave an approx 13kDa band in Human Peripheral Blood Lymphocyte lysates after 0.01µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 22.6kDa according to NP_036224.1. The 13kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: In paraffin embedded Human Lymph Node shows membrane staining just outside the mantle zone of the Germinal Centre. Recommended concentration: 1-2µg/ml. Paraffin embedded Human Tonsil and Thymus. Recommended concentration: 3.75µg/ml.

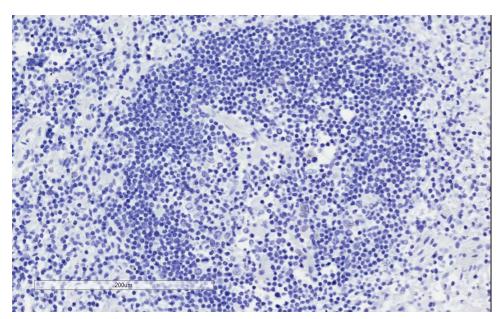
Species Reactivity

Tested: Human

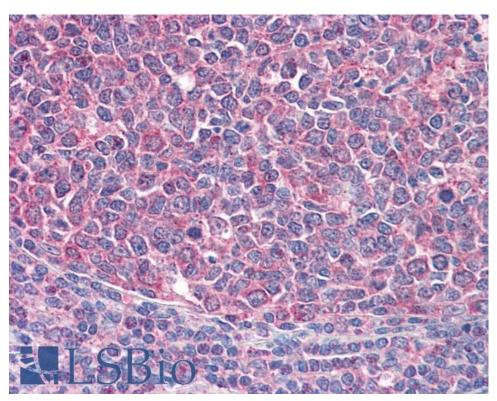
Expected from sequence similarity: Human



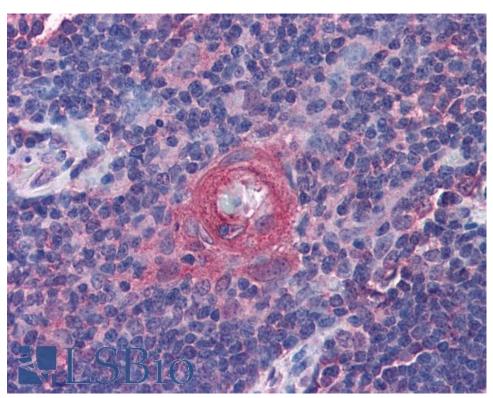
EB09484 (2µg/ml) staining of paraffin embedded Human Lymph Node. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



EB09484 Negative Control showing staining of paraffin embedded Human Lymph Node, with no primary antibody.



EB09484 (3.75 μ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09484 (3.75 μ g/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.