

Product datasheet

Anti-ICOS Ligand/ICOSL antibody ab233151

[2 References](#) [3 Images](#)

Overview

| | |
|----------------------------|--|
| Product name | Anti-ICOS Ligand/ICOSL antibody |
| Description | Rabbit polyclonal to ICOS Ligand/ICOSL |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment (His-T7-tag) corresponding to Human ICOS Ligand/ICOSL aa 1-250. (Expressed in E.coli). Database link: O75144 |

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control WB: Human serum; Human liver and lung lysate; Jurkat whole cell lysate ([ab7899](#)); Recombinant human ICOS Ligand/ICOSL protein. IHC-P: Human tonsil tissue.

General notes The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS |
| Purity | Immunogen affinity purified |
| Purification notes | Antigen-specific affinity chromatography followed by Protein A affinity chromatography. |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab233151 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 33 kDa. |
| IHC-P | | Use a concentration of 5 - 20 µg/ml. |

Target

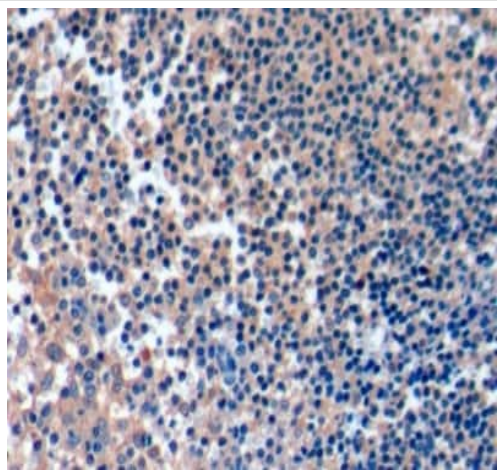
Function Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function.

Tissue specificity Isoform 1 is widely expressed (brain, heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, bone marrow, colon, ovary, prostate, testis, lymph nodes, leukocytes, spleen, thymus and tonsil), while isoform 2 is detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes and dendritic cells.

Sequence similarities Belongs to the immunoglobulin superfamily. BTN/MOG family.
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

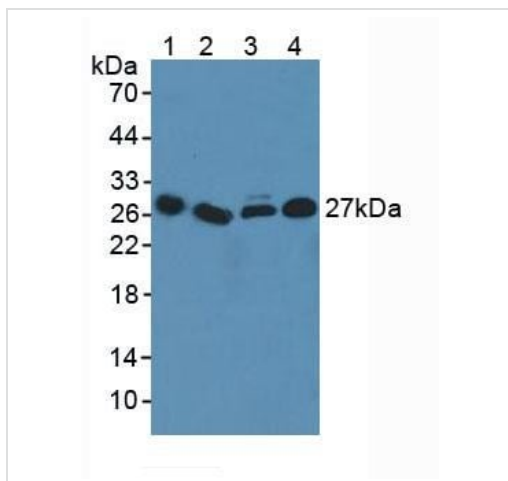
Cellular localization Membrane.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICOS Ligand/ICOSL antibody (ab233151)

Formalin-fixed, paraffin-embedded human tonsil tissue stained for ICOS Ligand/ICOSL using ab233151 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Western blot - Anti-ICOS Ligand/ICOSL antibody (ab233151)

All lanes : Anti-ICOS Ligand/ICOSL antibody (ab233151) at 2 µg/ml

Lane 1 : Human serum

Lane 2 : Human liver tissue lysate

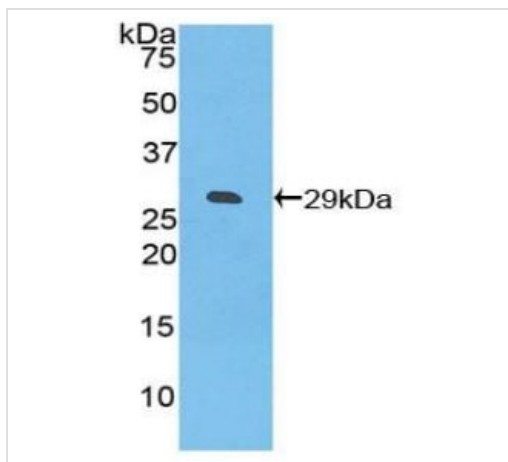
Lane 3 : Human lung tissue lysate

Lane 4 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

Secondary

All lanes : HRP-Linked Guinea pig anti-rabbit at 1/2000 dilution

Predicted band size: 33 kDa



Western blot - Anti-ICOS Ligand/ICOSL antibody (ab233151)

Anti-ICOS Ligand/ICOSL antibody (ab233151) at 2 µg/ml + Recombinant human ICOS Ligand/ICOSL protein

Predicted band size: 33 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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