

Product datasheet

Anti-ICOS Ligand/ICOSL antibody [HK53] ab245678

Recombinant

2 Images

Overview

Product name	Anti-ICOS Ligand/ICOSL antibody [HK53]
Description	Rabbit monoclonal [HK53] to ICOS Ligand/ICOSL
Host species	Rabbit
Specificity	This antibody specifically binds to mouse ICOSL and competes with binding of ICOS.
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to ICOS Ligand/ICOSL. Mouse B7h-transfected L cells. (fused with immune splenocytes with P3U1 myeloma cells and screened for binding to mouse B7h-transfected NRK cells). Database link: Q9JHJ8
Positive control	ICC/IF: Mouse splenocytes.

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	Preservative: 0.02% Proclin 300 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	HK53
Isotype	IgG

Applications

The Abpromise guarantee

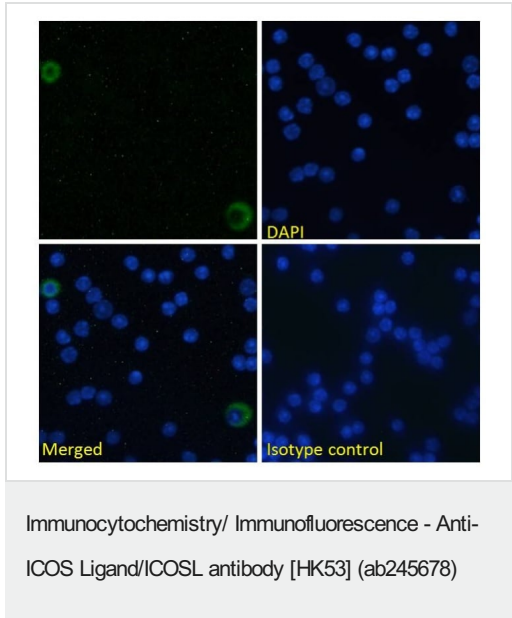
Our **Abpromise guarantee** covers the use of ab245678 in the following tested applications.

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

Application	Abreviews	Notes
ICC/IF		Use a concentration of 10 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



PFA fixed, 0.15% Triton permeabilized mouse splenocytes labeling ICOS Ligand/ICOSL using ab245678 at 10 µg/ml for 1 hour (green) followed by Alexa Fluor® 488 secondary antibody (1 µg/ml), in ICC/IF. The nuclear counter stain is DAPI (blue).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-ICOS Ligand/ICOSL antibody [HK53]
(ab245678)

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

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