

Datasheet for ABIN7072430

**Recombinant anti-ICOSLG antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µg
Target:	ICOSLG
Reactivity:	Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This ICOSLG antibody is un-conjugated
Application:	Flow Cytometry (FACS), Blocking Reagent (BR)

## Product Details

Immunogen:	This antibody was raised by immunizing SD rat with mouse B7h-transfected L cells and fusing immune splenocytes with P3U1 myeloma cells and screened for binding to mouse B7h-transfected NRK cells.
Clone:	HK5-3
Isotype:	IgG kappa
Characteristics:	Original Species of Ab: Rat Original Format of Ab: IgG2a
Purification:	Purified antibody.

## Target Details

Target:	ICOSLG
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## Target Details

Alternative Name:	ICOSL ( <a href="#">ICOSLG Products</a> )
Background:	B7RP-1, B7-related protein 1, ICOS ligand, CD275, LICOS, B7h
UniProt:	<a href="#">Q9JHJ8</a>
Pathways:	<a href="#">Production of Molecular Mediator of Immune Response, Activated T Cell Proliferation</a>

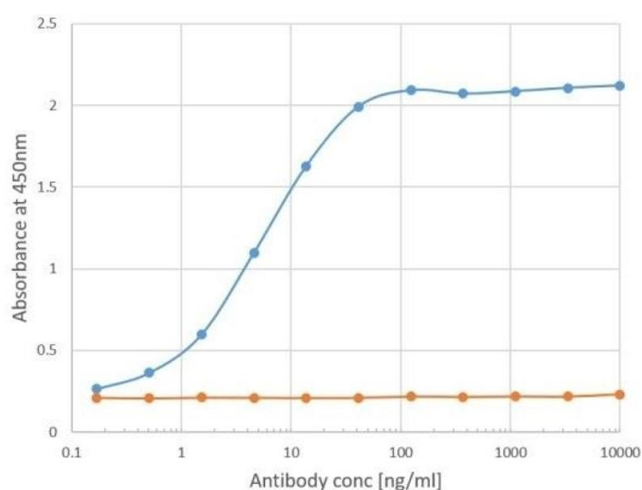
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

## Handling

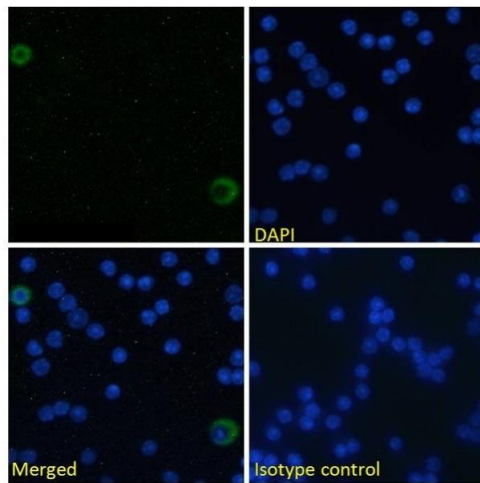
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

## Images



### ELISA

**Image 1.** Binding curve of anti-ICOSL antibody HK5.3 (ABIN7072430) to mouse ICOSL-Fc fusion protein ELISA Plate coated with ICOSL-Fc fusion protein (Pr00157-1.9) at a concentration of 5 µg/mL. A 3-fold serial dilution from 10,000 to 0.1 ng/mL was performed using ABIN7072430. For detection, a 1:4000 dilution of HRP-labelled goat anti-rabbit antibody (Bio-Rad) was used.



### Immunofluorescence

**Image 2.** Immunofluorescence staining of fixed mouse splenocytes with anti-ICOSL (inducible T-cell costimulator ligand) antibody HK5.3. Immunofluorescence analysis of paraformaldehyde fixed mouse (*Mus musculus*) splenocytes on Shi-fix™ coverslips, permeabilized with 0.15 % Triton stained with the chimeric rabbit version of HK5.3 (ABIN7072430) at 10 µg/mL for 1h followed by Alexa Fluor®488 secondary antibody (1 µg/mL), showing weak membrane staining in a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom ABIN7072430, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor®488 secondary antibody.