

## ICOS Ligand antibody [HK5.3] (PE)

Cat. No. GTX01490-08

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Application	FACS, Neutralizing/Inhibition
Reactivity	Mouse

Reference ( 3 )

Package

100 µg

## PRODUCT

## Summary

The HK5.3 antibody reacts with mouse CD275, an approximately 40 kDa protein that is a member of the Ig superfamily. CD275 is also known as B7-H2, ICOS ligand, and B7-RP1. CD275 is a ligand for ICOS (CD278) that is expressed on activated T cells. CD275 is expressed by antigen presenting cells including B cells, macrophages, and dendritic cells. The interaction of CD275 with its receptor ICOS plays an important role in T cell costimulation.

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FACS	Assay dependent
Neutralizing/Inhibition	Assay dependent

Not tested in other applications.

**Calculated MW** 36 kDa. ( [Note](#) )

## PROPERTIES

Form	Liquid
Buffer	10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Phycoerythrin (PE)

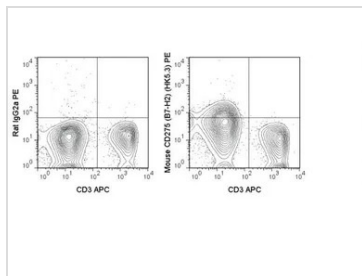


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**Note**

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**DATA IMAGES**

**GTx01490-08 FACS Image**

FACS analysis of mouse C57Bl/6 spleen cells using GTx01490-08 ICOS Ligand antibody [HK5.3] (PE).

Right panel : co-stained with ICOS Ligand antibody [HK5.3] (PE) and Mouse CD3 antibody (APC)

Left panel : co-stained with isotype control and Mouse CD3 antibody (APC)

antibody amount : 0.06 µg (5 µl)



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