

ICOS Ligand antibody [HK5.3] (PE)

Cat. No. GTX01490-08

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	FCM, Neutralizing/Inhibition
Reactivity	Mouse

References (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.

Applications

Application Note

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

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

Not tested in other applications.

Properties

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 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) Wavelength

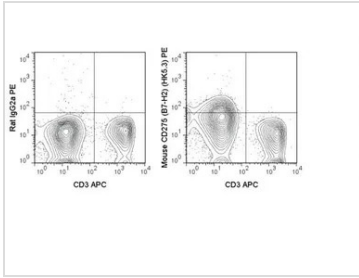
Note

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DATA IMAGES

GTX01490-08 FCM 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 μ g (5 μ l)



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