



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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

**Cat No. GTX01490-08**

|                    |                               |
|--------------------|-------------------------------|
| <b>Host</b>        | Rat                           |
| <b>Clonality</b>   | Monoclonal                    |
| <b>Isotype</b>     | IgG2a                         |
| <b>Application</b> | FACS, Neutralizing/Inhibition |
| <b>Reactivity</b>  | 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      | Dilution        |
|-------------------------|-----------------|
| FACS                    | Assay dependent |
| Neutralizing/Inhibition | Assay dependent |

Not tested in other applications.

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

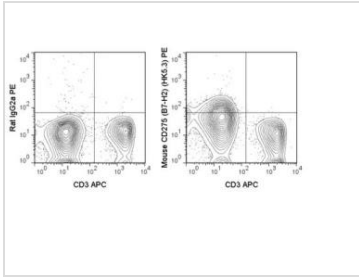
## PROPERTIES

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | 10 mM NaH <sub>2</sub> PO <sub>4</sub> (pH 7.2), 150 mM NaCl, 0.09% sodium azide, 0.1% gelatin   |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.               |
| <b>Concentration</b> | 0.2 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Purification</b>  | Purified by affinity chromatography<br>From tissue culture supernatant   |
| <b>Conjugation</b>   | Phycoerythrin (PE)   |
| <b>Note</b>          | For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. |



For full product information, images and publications, please visit our [website](#).

## 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  $\mu$ g (5  $\mu$ l)



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