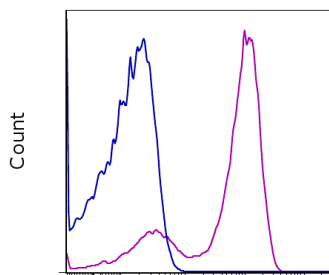


Anti-Mouse CD278 (ICOS) PerCP-eFluor® 710

Catalog Number: 46-9940

RUO: For Research Use Only. Not for use in diagnostic procedures.



CD278 (ICOS) PerCP-eFluor 710

Staining of BALB/c splenocytes unstimulated (blue histogram) or stimulated for 3 days with Con A (purple histogram) with Anti-Mouse CD278 (ICOS) PE-Cy5. Total viable cells (determined by staining with Fixable Viability Dye eFluor® 780, cat. 65-0865) were used for analysis.

Product Information

Contents: Anti-Mouse CD278 (ICOS) PerCP-eFluor® 710

REF **Catalog Number:** 46-9940

Clone: 15F9

Concentration: 0.2 mg/mL

Host/Isotype: Golden Syrian Hamster IgG



LOT



Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material.

Batch Code: Refer to vial

Use By: Refer to vial

Description

The 15F9 monoclonal antibody reacts with mouse ICOS (Inducible COStimulatory molecule), a T cell specific molecule and a third member of the CD28/CTLA-4 family. A homodimer of 47-57 kDa, ICOS is expressed on activated T cells, has potent costimulatory activity for T cell activation and proliferation and is required for humoral immune response. ICOS binds to its ligand on activated APC including B cells called B7h/B7RP-1 and is thought to play a protective role in inflammatory autoimmune diseases. ICOS may be involved in the development of Th2 cells.

The 15F9 antibody is reported to have functional activity.

Applications Reported

This 15F9 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 15F9 antibody has been tested by flow cytometric analysis of stimulated mouse splenocytes. This can be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

PerCP-eFluor® 710 can be used in place of PE-Cy5, PE-Cy5.5 or PerCP-Cy5.5. PerCP-eFluor® 710 emits at 710 nm and is excited with the blue laser (488 nm). Please make sure that your instrument is capable of detecting this fluorochrome. For a filter configuration, we recommend using the 685 LP dichroic mirror and 710/40 band pass filter, however the 695/40 band pass filter is an acceptable alternative.

Our testing indicates that PerCP-eFluor® 710 conjugated antibodies are stable when stained samples are exposed to freshly prepared 2% formaldehyde overnight at 4°C, but please evaluate for alternative fixation protocols.

Click here or contact eBioscience Technical Support for more information on eFluor™ Organic Dyes including PerCP-eFluor® 710.

Not for further distribution without written consent.

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Related Products

46-4914 Golden Syrian Hamster IgG Isotype Control PerCP-eFluor® 710 (n/a)

65-0865 Fixable Viability Dye eFluor® 780