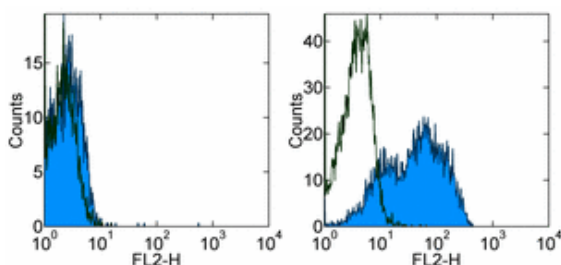


Anti-Mouse CD134 (OX40) PE

Catalog Number: 12-1341

Also Known As: OX-40, Ly-70, TNFRSF4

RUO: For Research Use Only



Staining of 3-day unstimulated (left) and 3-day ConA-stimulated (right) mouse splenocytes with 0.25 µg of Rat IgG1 κ Isotype Control PE (cat. 12-4301) (open histogram) or 0.25 µg of Anti-Mouse CD134 (OX40) PE (filled histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD134 (OX40) PE


REF Catalog Number: 12-1341

Clone: OX-86

Concentration: 0.2 mg/ml


Host/Isotype: Rat IgG1, κ

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.

LOT Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The OX-86 monoclonal antibody reacts with mouse CD134, also known as OX-40. A member of the TNF receptor superfamily, CD134/OX-40 is a 50 kDa type I membrane glycoprotein expressed by activated mouse T lymphocytes. While rat OX-40 antigen was initially identified as an activation marker on activated rat CD4⁺ T cells only, the mouse OX-40 is expressed by both activated CD4⁺ and CD8⁺ T cells. The interaction of CD134 with OX-40L has been implicated in T cell-dependent humoral response, regulation of primary T cell expansion, survival of T cells, size of the memory T cell pool and regulation of tolerance in the CD4⁺ T cell compartment.

Applications Reported

The OX-86 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The OX-86 antibody has been tested by flow cytometric analysis of activated mouse splenocyte suspensions. This can be used at less than or equal to 0.5 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.

References

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Related Products

12-4301 Rat IgG1 K Isotype Control PE

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