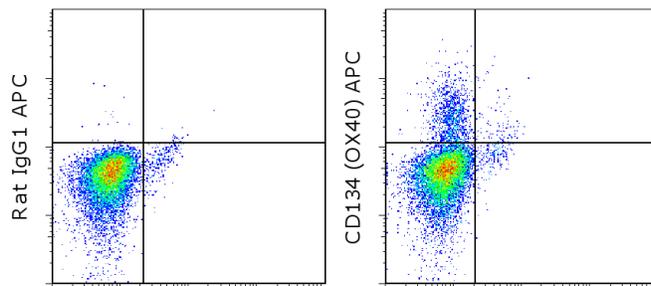


Anti-Mouse CD134 (OX40) APC

Catalog Number: 17-1341

Also known as: OX-40, Ly-70, TNFRSF4

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



Staining of 3-day ConA stimulated C57Bl/6 splenocytes with 0.125 ug of Rat IgG1 kappa Isotype Control APC (cat. 17-4301) (left) or 0.125 ug of Anti-Mouse CD134 (OX40) APC (right). Total viable cells were used for analysis.

Product Information



Contents: Anti-Mouse CD134 (OX40) APC

Catalog Number: 17-1341

Clone: OX-86

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG1, kappa



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 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

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

Applications Tested

This OX-86 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.

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Kjaergaard J, Peng L, Cohen PA, Drazba JA, Weinberg AD, Shu S. Augmentation versus inhibition: effects of conjunctival OX-40 receptor monoclonal antibody and IL-2 treatment on adoptive immunotherapy of advanced tumor. *J Immunol.* 2001. 167(11):6669-77

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Related Products

17-4301 Rat IgG1 K Isotype Control APC

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