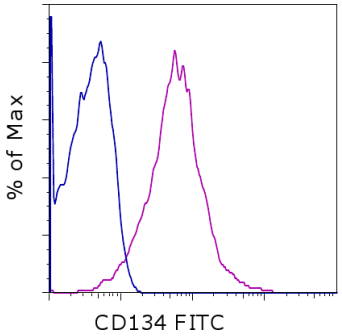
Anti-Human CD134 (OX40) FITC

Catalog Number: 11-1347
Also known as: OX-40, TNFRSF4
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of PHA-stimulated (purple histogram) and unstimulated (blue histogram) human PBMCs with Anti-Human CD134 FITC. Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD134 (OX40) FITC
REF **Catalog Number:** 11-1347
Clone: ACT35 (ACT-35)
Concentration: 5 uL (0.5 ug)/test
Host/Isotype: Mouse IgG1

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 ACT35 monoclonal antibody reacts with human 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 T lymphocytes. 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 ACT35 (ACT-35) antibody has been reported for use in flow cytometric analysis, immunohistology staining of frozen tissue sections, and immunohistology staining of paraffin embedded tissue sections.

Applications Tested

This ACT35 (ACT-35) antibody has been pre-titrated and tested by flow cytometric analysis of 3-day PHA-activated human PBMC. This can be used at 5 µL (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 10^5 to 10^8 cells/test.

References

Kishimoto, T., A.E.G., von dem Borne, et al. eds. 1998. Leucocyte Typing VI: White Cell Differentiation Antigens. Garland Publishing Inc. London.

Related Products

11-4714 Mouse IgG1 K Isotype Control FITC (P3.6.2.8.1)

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