

Anti-Human CD134 (OX40) Purified

Catalog Number: 14-1347

Also known as: OX-40, TNFRSF4

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

Product Information

Contents: Anti-Human CD134 (OX40)
Purified

 **Catalog Number:** 14-1347

Clone: ACT35 (ACT-35)

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1

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

Temperature Limitation: Store at 2-8°C.



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

The ACT35 (ACT-35) antibody has been tested by flow cytometric analysis of 3-day PHA activated human PBMC. This can be used at less than or equal to 1 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

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

12-4317 Streptavidin PE

13-4013 Anti-Mouse IgG Biotin (Polyclonal)

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.8.1)