

An Affymetrix Company

# 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.

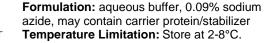
### **Product Information**

Contents: Anti-Human CD134 (OX40)

Purified

Clone: ACT35 (ACT-35)
Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1



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<sup>+</sup> 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  $\mu$ g per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> 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)