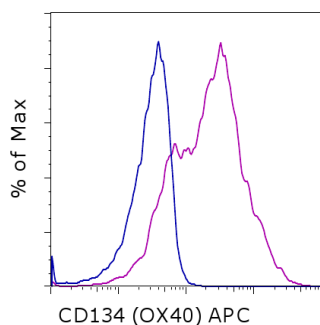


## Anti-Human CD134 (OX40) APC

**Catalog Number:** 17-1347

**Also known as:** OX-40, TNFRSF4

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



Staining of 3-day PHA-stimulated normal human peripheral blood cells with Mouse IgG1 kappa Isotype Control APC (cat. 17-4714) (blue histogram) or Anti-Human CD134 (OX40) APC (purple histogram). Total viable cells were used for analysis.

### Product Information



**Contents:** Anti-Human CD134 (OX40) APC

**Catalog Number:** 17-1347

**Clone:** ACT35 (ACT-35)

**Concentration:** 5  $\mu$ L (0.125  $\mu$ g)/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.



**Batch Code:** Refer to vial



**Use By:** Refer to vial

### 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

The ACT35 (ACT-35) antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This ACT35 (ACT-35) antibody has been pre-titrated and tested by flow cytometric analysis of 3-day PHA-stimulated normal human peripheral blood cells. This can be used at 5  $\mu$ L (0.125  $\mu$ 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.

### 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

17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.8.1)

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