

CD134 (OX40) Monoclonal Antibody (ACT35 (ACT-35)), FITC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), FITC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	ACT35 (ACT-35)
Conjugate	FITC
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10597448

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-Dependent	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	-
Flow Cytometry (Flow)	5 µL (0.5 µg)/test	1 Publication

Product Specific Information

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.

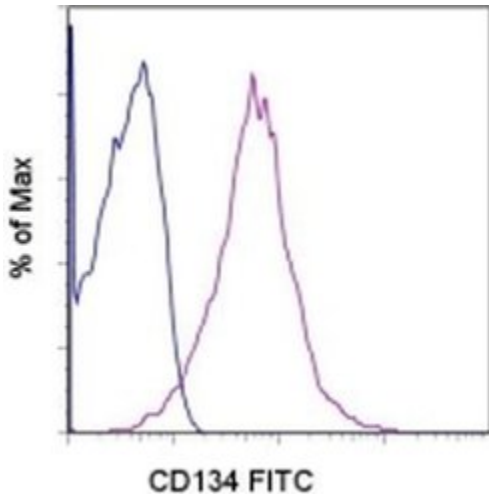
Applications Reported: This ACT35 (ACT-35) antibody has been reported for use in flow cytometric analysis, immunohistology staining of frozen tissue sections, and immunohistology staining of paraffin embedded tissue sections.

Applications Tested: This ACT35 (ACT-35) antibody has been pre-titrated and tested by flow cytometric analysis of 3-day PHA-activated human normal human peripheral blood cells. 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 10⁵ to 10⁸ cells/test.

Excitation: 488 nm; **Emission:** 520 nm; **Laser:** Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD134 (OX40) Monoclonal Antibody (ACT35 (ACT-35)), FITC, eBioscience™



CD134 (OX40) Antibody (11-1347-42) in Flow

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.

1 Reference

Flow Cytometry (1)

Journal of immunology (Baltimore, Md. : 1950)

IL-7 abrogates suppressive activity of human CD4+CD25+FOXP3+ regulatory T cells and allows expansion of alloreactive and autoreactive T cells.

"11-1347 was used in Flow cytometry/Cell sorting to explore the possibility that IL-7 may affect the function of CD4(+) CD25(+)FOXP3(+) regulatory T cells (Tregs)."

Authors: Heninger AK, Theil A, Wilhelm C, Petzold C, Huebel N, Kretschmer K, Bonifacio E, Monti P

Species
Human

Dilution
Not Cited

Year
2012

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