

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

Product Details	
Size	100 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Biotin, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	ACT35 (ACT-35)
Conjugate	Biotin
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2815059

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	1 Publication

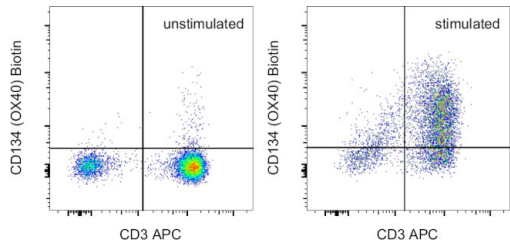
Product Specific Information

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.

Applications Tested: This ACT35 (ACT-35) antibody has been pre-diluted and tested by flow cytometric analysis of stimulated normal human peripheral blood cells. This may be used at 5 µL (0.25 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.

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



CD134 (OX40) Antibody (13-1347-42) in Flow

Normal human peripheral blood cells were unstimulated (left) or stimulated for 72 hours with PHA-L Solution (Product # 00-4977-03). Cells were then stained with CD134 (OX40) Monoclonal Antibody, Biotin, followed by Streptavidin, PE (Product # 12-4317-87) and CD3 Monoclonal Antibody, APC (Product # 17-0037-42). Viable cells in the lymphocyte gate were used for analysis, as determined by 7-AAD (Product # 00-6993-50).

1 Reference

Flow Cytometry (1)

British journal of cancer	Year 2021
Changes in circulating exosome molecular profiles following surgery/ (chemo)radiotherapy: early detection of response in head and neck cancer patients.	
"Published figure using CD134 (OX40) monoclonal antibody (Product # 13-1347-42) in Flow Cytometry"	
Authors: Theodoraki MN,Laban S,Jackson EK,Lotfi R,Schuler PJ,Brunner C,Hoffmann TK,Whiteside TL,Hofmann L	

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