

Anti-Human CD134 (OX40) APC

Catalog Number :16411-80

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

Product Information

Clone: ACT35

Format/Conjugate: APC

Concentration: 5 uL 0.125 ug)/test

Reactivity: Human

Laser: Red (635 -655nm)

Peak Emission: 660nm

Peak Excitation: 650nm

Filter: 660/20

Brightness (1=dim,5=brightest): 5

Isotype: Mouse IgG1

Formulation: Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.

Storage: Product should be kept at 2-8°C and protected from prolonged exposure to light.

Applications: FC

Description

The ACT35 monoclonal antibody reacts with human CD134 (OX40), a type I transmembrane glycoprotein in the TNF superfamily. It is expressed on activated T lymphocytes and enhances cell survival.

Preparation & Storage

The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.

Application Notes

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. The antibody can be used at less than or equal to 5 µL per test. A test is the amount of antibody required to stain a cell sample in the final volume of 100 µL.

References

1. Croft, M. (2009). Control of immunity by the TNFR-related molecule OX40 (CD134).;Annual review of immunology.;28, 57-78.
2. Jones, D., Fletcher, C. D., Pulford, K., Shamsafaei, A., Dorfman, D. M. (1999). The T-cell activation markers CD30 and OX40/CD134 are expressed in nonoverlapping subsets of peripheral T-cell lymphoma.;Blood.;93(10), 3487-3493.
3. Xiaoyan, Z., Pirskanen, R., Malmstrom, V., Lefvert, A. K. (2006). Expression of OX40 (CD134) on CD4+ T-cells from patients with myasthenia gravis.;Clinical Experimental Immunology.;143(1), 110-116.