

PerCP/Cy5.5 anti-mouse CD134 (OX-40)

Catalog # / Size: 1197125 / 100 µg
1197120 / 25 µg

Clone: OX-86

Isotype: Rat IgG1, κ

Reactivity: Mouse

Concentration: 0.2

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 1 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

* PerCP/Cy5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.

Application Notes: Clone OX-86 has been reported to act as an agonist and stimulate OX-40.

Application References: NULL

Description: CD134 is a type I integral membrane protein also known as OX-40, ACT35, and tumor necrosis factor receptor superfamily member 4 (TNFRSF4). This receptor is expressed on activated CD4⁺ and CD8⁺ T cells and B cells. The OX-40 receptor binds to the OX-40 ligand (CD252) to provide a costimulatory signal that is independent of CD28. Blockade of OX40-OX40 ligand interactions has been shown to ameliorate experimental EAE and inflammatory bowel disease, which implies that these interactions are important in the pathogenesis of some autoimmune diseases.