



11 Park Drive, Suite 12
Boston, MA 02215

Rat anti mouse CD134 (OX-40) (Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0026
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Recombinant mouse OX-40 protein
Ig Type:	Rat IgG1
Clone	AP-MAB0833
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IHC (Frozen), & Stimulation

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 co-stimulatory 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.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Recombinant mouse OX-40 protein**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles**. Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** Extremely low level of LPS (< 0.002EU/μg IgG)

Application(s):

- 1. FC and IHC (Frozen)**
- 2. Stimulation of T cell proliferation**
- 3. Does not blocking the binding of CD134(OX-40) to its ligand**

* The antibody is produced by in vitro culture.

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