Datasheet for ABIN6941470

# anti-TNFRSF4 antibody

1 Image

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | TNFRSF4 |
| Reactivity: | Mouse |
| Host: | Rat |
| Clonality: | Monoclonal |
| Conjugate: | This TNFRSF4 antibody is un-conjugated |
| Application: | Flow Cytometry (FACS), Immunofluorescence (IF), Blocking Reagent (BR), Binding Studies (Bind) |

## Product Details

| | |
|---|---|
| Immunogen: | Purified recombinant Mouse OX-40 antigen |
| Clone: | OX-86 |
| Isotype: | IgG1 kappa |
| No Cross-Reactivity: | Human |
| Purification: | Purified by Protein A/G |

## Target Details

| | |
|---|---|
| Target: | TNFRSF4 |
| Alternative Name: | CD134 (OX40) (TNFRSF4 Products) |
| Background: | CD134 is a type I integral membrane protein. This receptor is expressed on activated CD4+and |

Copyright antibodies-online. All rights reserved.

## Target Details

| | |
|---|---|
| | CD8+T cells and B cells. The CD134 binds to CD134 ligand (CD252) to provide a costimulatory signal that is independent of CD28. CD134 is involved in coordinating CD4 T cell selection, migration and cytokine differentiation in T helper (Th)1 and Th2 cells. CD134 is also involved in the stimulation of T cells, T dependent humoral response and generation of optimal CD4+ T cell responses in vivo and in vitro. CD134 is expressed on activated CD4+ T lymphocytes, and its ligand, CD134L, is found preferentially on activated B cells. Engagement of CD134 with its ligand, CD134L, delivers a strong costimulatory signal to effector T cells. |
| Molecular Weight: | 50kDa |
| Gene ID: | 22163 |
| UniProt: | P47741 |
| Pathways: | Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints |

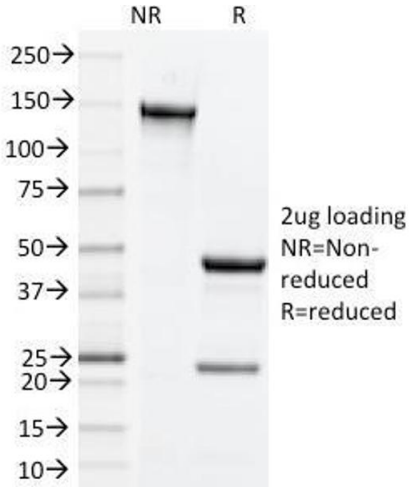
## Application Details

| | |
|---|---|
| Application Notes: | Positive Control: MPBMC's. Spleen, Thymus or Lymph Node.<br>Known Application: Does not block binding of OX40L, Flow Cytometry (0.5-1 µg/million cells in 0.1ml), Immunofluorescence (0.5-1 µg/mL)Optimal dilution for a specific application should be determined. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Concentration: | 200 µg/mL |
| Buffer: | 10 mM PBS with 0.05 % BSA & 0.05 % azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-80 °C |
| Storage Comment: | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required. |
| Expiry Date: | 24 months |

Copyright antibodies-online. All rights reserved.




**SDS-PAGE**

**Image 1.** SDS-PAGE Analysis Purified CD134 Rat Monoclonal Antibody (OX-86). Confirmation of Integrity and Purity of Antibody.