

Datasheet for ABIN7278481

**anti-TNFRSF4 antibody (PerCP-Cy5.5)**[Go to Product page](#)

## Overview

|              |                                                    |
|--------------|----------------------------------------------------|
| Quantity:    | 100 µg                                             |
| Target:      | TNFRSF4                                            |
| Reactivity:  | Mouse                                              |
| Host:        | Rat                                                |
| Clonality:   | Monoclonal                                         |
| Conjugate:   | This TNFRSF4 antibody is conjugated to PerCP-Cy5.5 |
| Application: | Flow Cytometry (FACS)                              |

## Product Details

|               |                                                                                                                                                                                                                                                                                                                                            |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone:        | OX-86                                                                                                                                                                                                                                                                                                                                      |
| Isotype:      | IgG1 kappa                                                                                                                                                                                                                                                                                                                                 |
| Purification: | This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze. |

## Target Details

|                   |                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | TNFRSF4                                                                                                                                                                           |
| Alternative Name: | CD134 ( <a href="#">TNFRSF4 Products</a> )                                                                                                                                        |
| Background:       | The OX-86 monoclonal antibody reacts with mouse CD134, a 50kD type 1 integral membrane glycoprotein and a member of the TNF receptor superfamily. CD134 is also known as OX40 and |

## Target Details

is expressed on activated CD4 and CD8 T cells. CD134 is the receptor for CD252 (OX40 ligand) and the interaction of this receptor-ligand pair is implicated in T-dependent humoral responses as well as numerous aspects of T cell expansion, survival and memory. Additionally, CD134 seems to play a significant role in the pathogenesis of some autoimmune diseases.

|           |                                                                                                |
|-----------|------------------------------------------------------------------------------------------------|
| Gene ID:  | 22163                                                                                          |
| UniProt:  | <a href="#">P47741</a>                                                                         |
| Pathways: | <a href="#">Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system. |
| Comment:           | 0.2 mg/mL                                                                                                                                                                                                                                                                                                                                                                                               |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                   |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Buffer:            | 10 mM NaH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, 0.09 % Sodium azide, 0.1 % gelatin, pH 7.2                       |
| 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                                                                                                                   |
| Storage Comment:   | 2-8°C protected from light                                                                                             |
| Expiry Date:       | 12 months                                                                                                              |