

# CD252 (OX40 Ligand) Rabbit mAb

Catalog No.: A25928 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

22kDa

### Category

Primary antibody

### Applications

IF/ICC,FC,ELISA

### Cross-Reactivity

Mouse

### CloneNo number

ARC66508

## Background

Enables tumor necrosis factor receptor binding activity. Involved in several processes, including T cell activation; regulation of gene expression; and regulation of lymphocyte activation. Acts upstream of or within cholesterol metabolic process; inflammatory response; and negative regulation of cytokine production. Predicted to be located in cell surface. Predicted to be active in extracellular space. Is expressed in sensory organ and skeleton. Used to study primary pulmonary hypertension and type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in myocardial infarction. Orthologous to human TNFSF4 (TNF superfamily member 4).

## Recommended Dilutions

**IF/ICC** 1:200 - 1:800

**FC** 1:100 - 1:500

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

22164

### Swiss Prot

P43488

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 51-198 of mouse CD252 (OX40 Ligand) (NP\_033478.1).

### Synonyms

Ath1; gp34; Ath-1; Ox40l; TXGP1; CD134L; OX-40L; Tnlg2b; Txgp1l

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

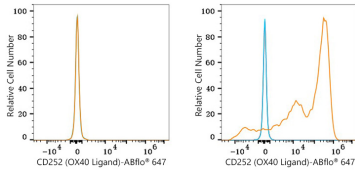
Affinity purification

### Storage

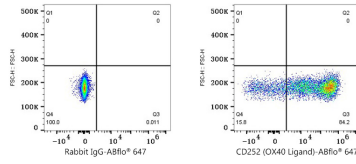
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

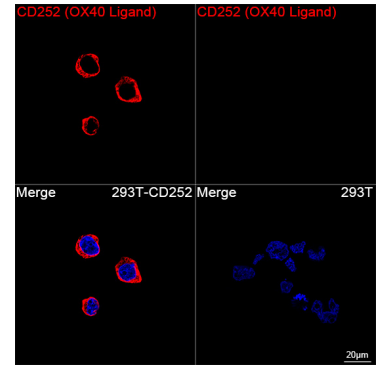
## Validation Data



Flow cytometry:  $1 \times 10^6$  293T (negative control, left) and 293T (Transfection, right) cells were surface-stained with CD252 (OX40 Ligand) Rabbit mAb (A25928, 2  $\mu\text{g}/\text{mL}$ , orange line) or Rabbit IgG isotype control (AC042, 2  $\mu\text{g}/\text{mL}$ , blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  293T (Transfection, right) cells were surface-stained with Rabbit IgG isotype control (AC042, 2  $\mu\text{g}/\text{mL}$ , left) or CD252 (OX40 Ligand) Rabbit mAb (A25928, 2  $\mu\text{g}/\text{mL}$ , right), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining.



Confocal imaging of 293T cells transfected with CD252 (OX40 Ligand) using CD252 (OX40 Ligand) Rabbit mAb (A25928, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.