

ABflo® 647 Rabbit anti-Mouse CD252 (OX40 Ligand) mAb

Catalog No.: A25746

Basic Information

Observed MW

Calculated MW

22kDa

Category

Primary antibody

Applications

IF/ICC,FC

Cross-Reactivity

Mouse

CloneNo number

ARC66508

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

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 1:50 - 1:200

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

22164

Swiss Prot

P43488

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

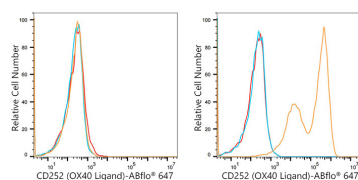
Affinity purification

Storage

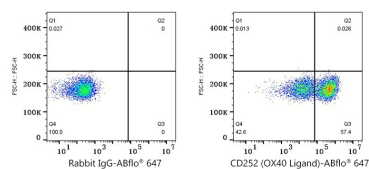
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

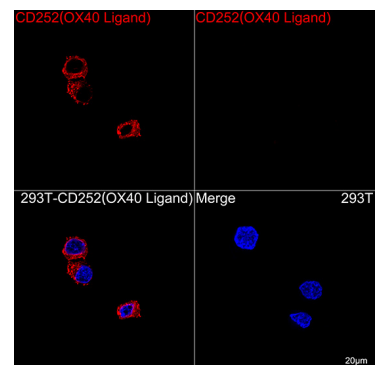
Validation Data



Flow cytometry: 1×10^6 293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with ABflo® 647 Rabbit anti-Mouse CD252 (OX40 Ligand) mAb (A25746, 5 µl/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 293T (Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Mouse CD252 (OX40 Ligand) mAb (A25746, 5 µl/Test, right).



Confocal imaging of 293T cells transfected with CD252 (OX40 Ligand) using ABflo® 647 Rabbit anti-Mouse CD252 (OX40 Ligand) mAb (A25746, dilution 1:100) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.