ABflo® 647 Mouse anti-Mouse/Rat CD90.1 mAb

Catalog NO.: A27828

Basic Information

Observed MW

Calculated MW

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse, Rat

Conjugation
ABflo® 647. Ex:648nm. Em:664nm.

Clone number
AMC0834

Background

CD90.1, also known as Thy1.1, is a glycoprotein and member of the immunoglobulin superfamily (IgSF) that serves as a critical cell surface marker with broad applications in stem cell biology, immunology, and neuroscience. Initially characterized as a T cell marker, subsequent studies have demonstrated its widespread expression across diverse cell lineages, including neurons, fibroblasts, stem cells (e.g., hepatic progenitor cells), and specific immune cell subsets.

Recommended Dilutions

FC	⩽0.5 μg per million cells in 100 μl volume

Immunogen Information

Gene ID
21838

Swiss Prot
P01831

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

Synonyms
T25; CD90; Thy-1; Thy1.1; Thy1.2; Thy-1.2

Contact

Product Information

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service@abclonal.com
www.abclonal.com

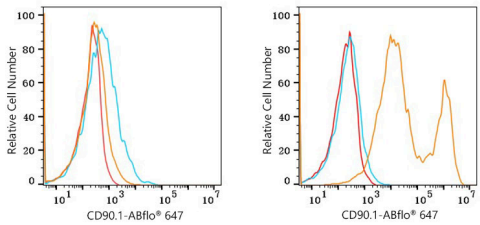
Source
Mouse

Isotype
IgG1, κ

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 293T-90.2 (Transfection,left) cells and 293T-90.1 (Transfection,right) cells were surface-stained with ABflo® 647 Mouse anti-Mouse/Rat CD90.1 mAb (A27828,0.5 µg,orange line) or ABflo® 647 Mouse IgG1 isotype control (5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.