

ABflo® 488 Rabbit anti-Human CD90/Thy1 mAb

Catalog NO.: A22510

Basic Information

Observed MW

Calculated MW

18kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC55641

Background

This gene encodes a cell surface glycoprotein and member of the immunoglobulin superfamily of proteins. The encoded protein is involved in cell adhesion and cell communication in numerous cell types, but particularly in cells of the immune and nervous systems. The encoded protein is widely used as a marker for hematopoietic stem cells. This gene may function as a tumor suppressor in nasopharyngeal carcinoma. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

7070

Swiss Prot

P04216

Immunogen

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

Synonyms

CD90; CDw90

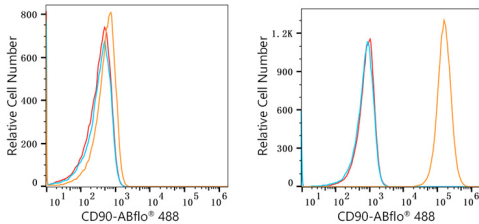
Contact

Product Information

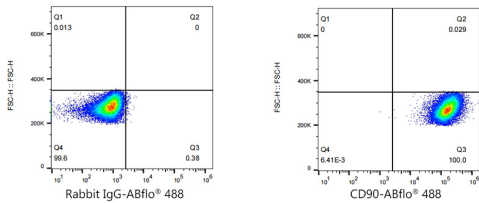
☒		order@abclonal.com
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

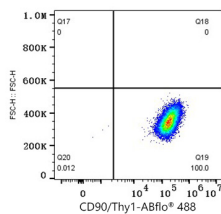
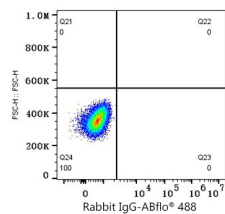
Validation Data



Flow cytometry:1X10^6 K-562 cells (negative control,left) and U-251MG cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD90/Thy1 mAb(A22510,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:1X10^6 U-251MG cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD90/Thy1 mAb (A22510,5 µl/Test,right).



Flow cytometry: 1×10^6 Human mesenchymal stem cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human CD90/Thy1 mAb (A22510, 5 μ l/Test, right).