

ABflo® 647 Rabbit anti-Human ROR1 mAb

Catalog No.: A24901

Basic Information

Observed MW

Calculated MW

104kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC63587-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen Information

Gene ID

4919

Swiss Prot

Q01973

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-403 of Human ROR1 (NP_005003.2).

Synonyms

NTRKR1; dj537F10.1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

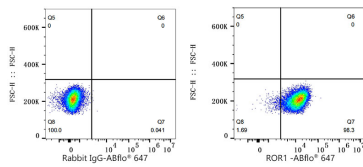
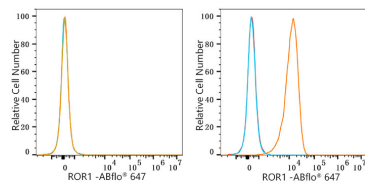
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 HEL cells (negative control, left) and MDA-MB-231 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human ROR1 mAb (A24901, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 MDA-MB-231 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Human ROR1 mAb (A24901, 5 μ l/Test, right).