

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

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

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.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID 4919	Swiss Prot Q01973
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Immunogen

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

Synonyms

NTRKR1; dj537F10.1

Contact

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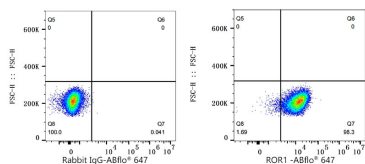
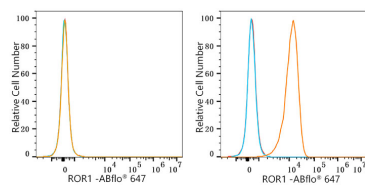
Product Information

Source Rabbit	Isotype IgG	Purification Affinity purification
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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: 1X10⁶ HEL cells (negative control, left) and MDA-MB-231 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human ROR1 mAb (A24901, 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: 1X10⁶ MDA-MB-231 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Human ROR1 mAb (A24901, 5 µl/Test, right).