

ROR1 Monoclonal Antibody

Description

Product type Primary Antibody

Code BT-MCA1106

Host Mouse

Isotype IgG

Size 50ul, 100ul

Immunogen Recombinant extracellular fragment of human ROR1 (aa30-406) fused with hIgGFc tag, expressed in

HEK293 cells

Mol wt N/A

Species reactivity Human

Clonality Monoclonal

Recommended application WB, IF, ICC, ELISA

Concentration 1 mg/ml

Full name Tyrosine-protein kinase transmembrane receptor ROR1

Synonyms ROR1; NTRKR1; Tyrosine-protein kinase transmembrane receptor ROR1; Neurotrophic tyrosine kinase;

receptor-related 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

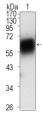
This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity 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 Dilution

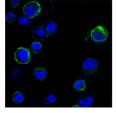
ELISA: 1:10000 IF: 1:200 - 1:1000 WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using ROR1 Monoclonal antibody against extracellular domain of human ROR1 (aa30-423).



Confocal immunofluorescence analysis of HEK293 cells trasfected with extracellular ROR1 (aa30-406)-hIgGFc using ROR1 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.

Storage

-20°C for one year

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