
ROR1 (2H6) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252908

Unit: 0.1 ml

Description:

ROR1 (Tyrosine-protein kinase transmembrane receptor ROR1) is a type I membrane protein. It is a receptor protein tyrosine kinase that modulates neurite growth in the central nervous system. The ROR-family receptor tyrosine kinases consist of two structurally related proteins, ROR1 and ROR2. These proteins are characterized by having intracellular tyrosine kinase domains, which are highly related to Trk-family kinases, extracellular Frizzled-like cysteine-rich domains (CRDs) and Kringle domains. The ROR family members are highly conserved among species, such as *C. elegans*, *Drosophila*, *Xenopus* and mammals. ROR1 and ROR2 are both involved in organogenesis with particular emphasis in neuronal differentiation. Increased expression of ROR1 in acute lymphoblastic leukemias (ALLs) as well as chronic lymphocytic leukemias (CLLs) implicate this protein as a potential tool for targeted immunotherapy in these diseases.

Isotype: Mouse IgG1

Applications: IF, WB

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Tyrosine-protein kinase transmembrane receptor ROR1; Neurotrophic tyrosine kinase, receptor-related 1; NTRKR1; ROR1

Accession No.: Q01973

Antigen: Recombinant extracellular fragment of human ROR1 (aa30-406) fused with hIgGFc tag, expressed in HEK293 cells

Application Notes: WB: 1:500-1:2000; IF: 1:200-1:1000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.