

Mouse anti-Human ROR1 Antibody | anti-ROR1 antibody

ROR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108564	Mouse	Human	ELISA, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ROR1; ROR1 Antibody; anti-ROR1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	2H6
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	393
Applicable Applications for anti-ROR1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant extracellular fragment of human ROR1 (aa30-406) fused with hIgGFc tag, expressed in HEK293 cells
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES

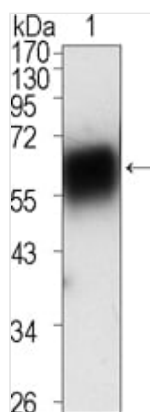

WB (Western Blot)

Figure 2. Western blot analysis using ROR1 mouse mAb against extracellular domain of human ROR1 (aa30-423).

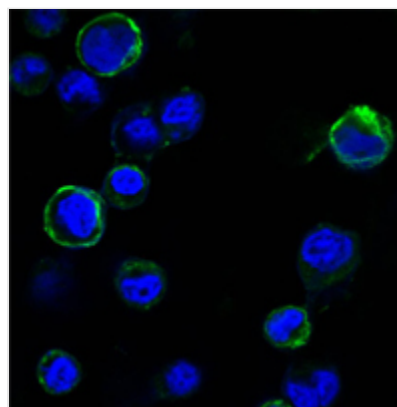

IF (Immunofluorescence)

Figure 1. Confocal immunofluorescence analysis of HEK293 cells transfected with extracellular ROR1 (aa30-406)-hIgGFc using ROR1 mouse mAb (green). Blue. DRAQ5 fluorescent DNA dye.

ADDITIONAL INFORMATION

Related Product Information for anti-ROR1 antibody	ROR1, a type I membrane protein, 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.
Product Categories/Family for anti-ROR1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	134152686
NCBI GeneID	4919
NCBI Accession #	NP_001077061.1
NCBI GenBank Nucleotide #	NM_001083592.1
UniProt Accession #	Q01973; Q5VVX6; Q66K77; Q92776
Molecular Weight	101kDa
NCBI Official Full Name	inactive tyrosine-protein kinase transmembrane receptor ROR1 isoform 2
NCBI Official Synonym Full Names	receptor tyrosine kinase like orphan receptor 1
NCBI Official Symbol	ROR1
NCBI Official Synonym Symbols	NTRKR1; dJ537F10.1
NCBI Protein Information	inactive tyrosine-protein kinase transmembrane receptor ROR1
UniProt Protein Name	Inactive tyrosine-protein kinase transmembrane receptor ROR1
UniProt Gene Name	ROR1
UniProt Synonym Gene Names	NTRKR1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.