

Anti-ROR2 Rabbit Monoclonal Antibody

Catalog # ABO15755

Product Information

Application	WB, IF, ICC, FC
Primary Accession	Q01974
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-ROR2 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

Gene ID	4920
Other Names	Tyrosine-protein kinase transmembrane receptor ROR2, 2.7.10.1, Neurotrophic tyrosine kinase, receptor-related 2, ROR2, NTRKR2
Calculated MW	104757
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 23R31 A synthesized peptide derived from human ROR2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

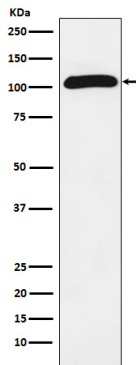
Name	ROR2
Synonyms	NTRKR2
Function	Tyrosine-protein kinase receptor which may be involved in the early

formation of the chondrocytes. It seems to be required for cartilage and growth plate development (By similarity). Phosphorylates YWHAB, leading to induction of osteogenesis and bone formation (PubMed:[17717073](#)). In contrast, has also been shown to have very little tyrosine kinase activity in vitro. May act as a receptor for wnt ligand WNT5A which may result in the inhibition of WNT3A-mediated signaling (PubMed:[25029443](#)).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Images



Western blot analysis of ROR2 expression in Saos-2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.