

## Immunotag™ ROR2 Antibody

Antibody Specification	
Catalog No.	ITA7857
Product Description	Immunotag™ ROR2 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	ROR2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000 IF/ICC 1:200-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human ROR2
Specificity	ROR2 Antibody detects endogenous levels of total ROR2
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	ROR2
Accession No.	Q01974
Alternate Names	BDB; BDB1; Brachydactyly type B; EC 2.7.10.1; MGC163394; Neurotrophic tyrosine kinase; Neurotrophic tyrosine kinase, receptor related 2; NTRKR2; Receptor tyrosine kinase-like orphan receptor 2; receptor-related 2; ROR2; ROR2_HUMAN; Tyrosine protein kinase transmembrane receptor ROR2; Tyrosine-protein kinase transmembrane receptor Ror2;

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Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	105kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.