PRODUCT INFORMATION

Clone ID	DM174
Target	ROR2
Synonyms	ROR2;NTRKR2
Host Species	Rabbit
Description	Anti-ROR2 antibody(DM174); Rabbit mAb
Delivery	2-3 weeks
Uniprot ID	Q01974
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt; WB
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100; WB 1:1000
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The protein may be involved in the early formation of the chondrocytes and may be required for cartilage and growth plate development. Mutations in this gene can cause brachydactyly type B; a skeletal disorder characterized by hypoplasia:aplasia of distal phalanges and nails. In addition; mutations in this gene can cause the autosomal recessive form of Robinow syndrome; which is characterized by skeletal dysplasia with generalized limb bone shortening; segmental defects of the spine; brachydactyly; and a dysmorphic facial appearance.
Usage	Research use only

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