

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ROR1 in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 1011919
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human ROR1 Ala24-Glu403 Accession # Q01973
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	MDA-MB-231 human breast cancer cell line

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

ROR1 belongs to the ROR family of receptor tyrosine kinases, which are characterized by: the extracellular immunoglobulin domain, cysteine-rich domain that resembles the Wnt-binding sites of Frizzled proteins, kringle domain and intracellular kinase domain. Human ROR1 shares 97% and 58% amino acid sequence identity with mouse ROR1 and human ROR2, respectively.

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