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12-9322: Anti-ROR1 antibody(DM149), Rabbit mAb(Discontinued)

Clonality :	Monoclonal
Clone Name :	DM149
Application :	ELISA,FACS
Reactivity :	Human
Alternative Name :	ROR1,NTRKR1

Description

This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2012]

Product Info

Amount :	100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Not Sterile
Storage condition :	Store at -20°C for 12 months (Avoid repeated freezing and thawing)

Application Note

ELISA 1/5000-10000;FACS 1/100

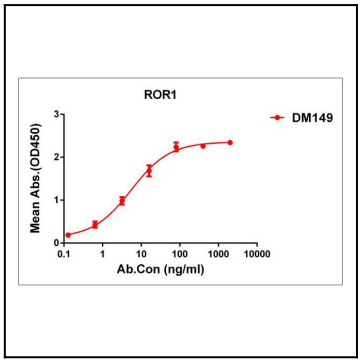

Figure 1. ELISA plate pre-coated by 1 Î¼g/ml (100 Î¼l/well) Human ROR1 protein, His tagged protein can bind Rabbit anti-ROR1 monoclonal antibody(clone: DM149) in a linear range of 1-50 ng/ml.

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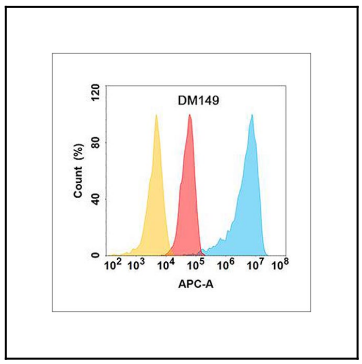

Figure 2. ROR1 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-ROR1 (DM149) on Expi293 cells transfected with human ROR1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).