ARG67381
anti-ROR1 antibody [SQab30415]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody [SQab30415] recognizes ROR1
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30415
Isotype	IgG
Target Name	ROR1
Species	Human
Immunogen	Synthetic peptide
Conjugation	Un-conjugated
Alternate Names	Tyrosine-protein kinase transmembrane receptor ROR1; Neurotrophic tyrosine kinase, receptor-related 1; EC 2.7.10.1; NTRKR1; dJ537F10.1

Application Instructions

Application table

Application	Dilution
IHC-P	1:100 - 1:200

Application Note

IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0).
Primary antibody incubate at RT (18°C-25°C) for 30 minutes.
Amplifier: Mouse + Rabbit IgG Amplifier was incubated at RT for 10 minutes.
Detection: HRP Polymer Detector was incubated at RT for 10 minutes.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ROR1
Gene Full Name	receptor tyrosine kinase-like orphan receptor 1
Background	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]
Function	Tyrosine-protein kinase receptor whose role is not yet clear. [UniProt]
Calculated Mw	104 kDa
Cellular Localization	Membrane; Single-pass type I membrane protein