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Anti-ROR1 Reference Antibody (zilovertamab)

Recombinant Antibody
Catalog # APR10206

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	Q01973
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	104283

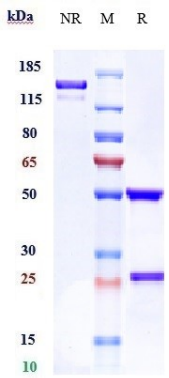
Additional Information

Target/Specificity	ROR1
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

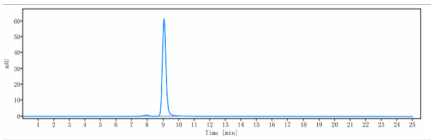
Protein Information

Name	ROR1
Synonyms	NTRKR1
Function	Has very low kinase activity in vitro and is unlikely to function as a tyrosine kinase in vivo (PubMed:25029443). Receptor for ligand WNT5A which activate downstream NFkB signaling pathway and may result in the inhibition of WNT3A-mediated signaling (PubMed:25029443, PubMed:27162350). In inner ear, crucial for spiral ganglion neurons to innervate auditory hair cells (PubMed:27162350). Via IGFBP5 ligand, forms a complex with ERBB2 to enhance CREB oncogenic signaling (PubMed:36949068).
Cellular Location	Membrane; Single- pass type I membrane protein. Cell projection, axon {ECO:0000250|UniProtKB:Q9Z139}
Tissue Location	Expressed strongly in human heart, lung and kidney, but weakly in the CNS. Isoform Short is strongly expressed in fetal and adult CNS and in a variety of human cancers, including those originating from CNS or PNS neuroectoderm

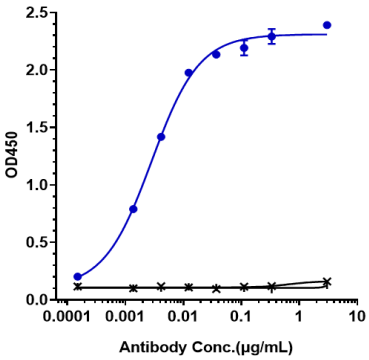
Images



Anti-ROR1 Reference Antibody (zilovertamab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-ROR1 Reference Antibody (zilovertamab)is more than 98.21% ,determined by SEC-HPLC.



Immobilized human ROR1 His at 2 μg/mL can bind Anti-ROR1 Reference Antibody (zilovertamab),EC50=0.00283 μg/mL