

**Anti-ROR1 Reference Antibody (zilovertamab)  
Recombinant Antibody  
Catalog # APR10206****Specification**

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**Anti-ROR1 Reference Antibody (zilovertamab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">Q01973</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.12 KDa

**Anti-ROR1 Reference Antibody (zilovertamab) - Additional Information****Target/Specificity**  
ROR1**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.**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.**Storage**  
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-ROR1 Reference Antibody (zilovertamab) - 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:<a href="http://www.uniprot.org/citations/25029443" target="\_blank">25029443</a>). Receptor for ligand WNT5A which activate downstream NFκB signaling pathway and may result in the inhibition of WNT3A-mediated signaling (PubMed:<a href="http://www.uniprot.org/citations/25029443" target="\_blank">25029443</a>, PubMed:<a href="http://www.uniprot.org/citations/27162350" target="\_blank">27162350</a>). In inner ear,

crucial for spiral ganglion neurons to innervate auditory hair cells (PubMed:<a href="http://www.uniprot.org/citations/27162350" target="\_blank">27162350</a>).

#### Cellular Location

Membrane; Single-pass type I membrane protein. Cell projection, axon {ECO:0000250|UniProtKB:Q9Z139}

#### Tissue Location

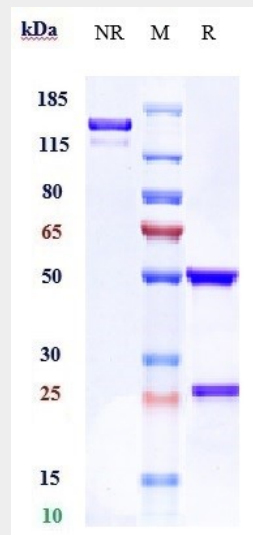
Expressed strongly in human heart, lung and kidney, but weakly in the CNS. Isoform Short is strongly expressed in fetal and adult CNS and in a variety of human cancers, including those originating from CNS or PNS neuroectoderm

### Anti-ROR1 Reference Antibody (zilovertamab) - Protocols

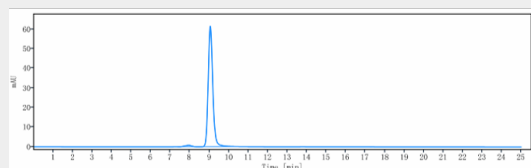
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-ROR1 Reference Antibody (zilovertamab) - Images

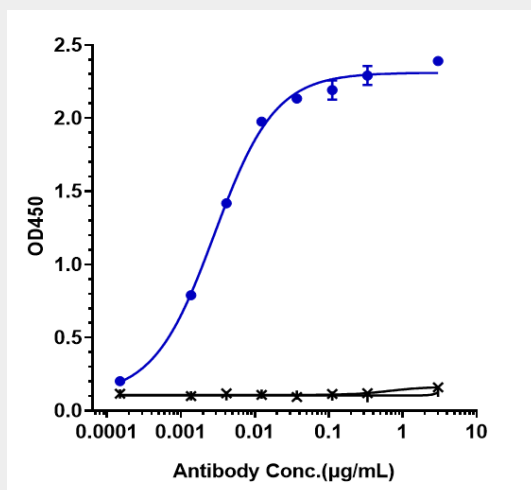


Anti-ROR1 Reference Antibody (zilovertamab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



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 (zilovetamab) □ EC<sub>50</sub>=0.00283 µg/mL