10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ROR2 Reference Antibody (ozuriftamab vedotin)

Recombinant Antibody
Catalog # APR10623

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q01974
Reactivity	Human
Clonality	ADC
Isotype	IgG1
Calculated MW	104757

Additional Information

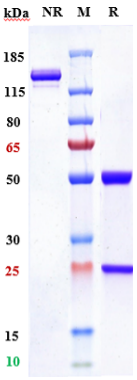
Target/Specificity	ROR2
Endotoxin	
Conjugation	MMAE
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

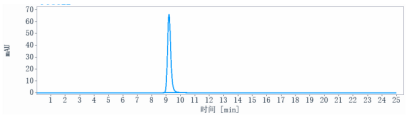
Name	ROR2
Synonyms	NTRKR2
Function	Tyrosine-protein kinase receptor which may be involved in the early formation of the chondrocytes. It seems to be required for cartilage and growth plate development (By similarity). Phosphorylates YWHAB, leading to induction of osteogenesis and bone formation (PubMed:17717073). In contrast, has also been shown to have very little tyrosine kinase activity in vitro. May act as a receptor for wnt ligand WNT5A which may result in the inhibition of WNT3A-mediated signaling (PubMed:25029443).
Cellular Location	Cell membrane; Single-pass type I membrane protein

Images

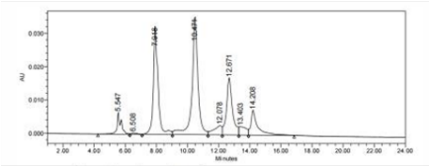
Anti-ROR2 Reference Antibody (ozuriftamab vedotin) on SDS-PAGE under reducing (R) condition. The purity of the



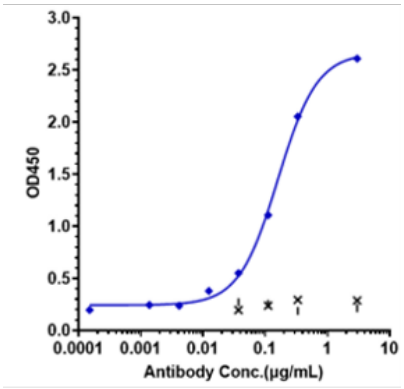
protein is greater than 95%.



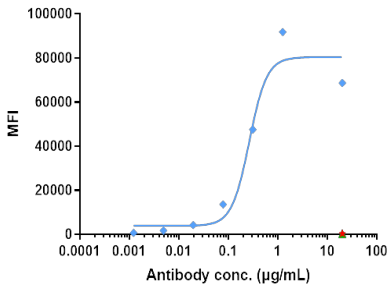
The purity of Anti-ROR2 Reference Antibody (ozuriftamab vedotin) is 99.74%, determined by SEC-HPLC.



The drug-to-antibody ratio (DAR) of the Anti-ROR2 Reference Antibody (ozuriftamab vedotin) is 3.9.



Immobilized ROR2 at 2 μg/mL (30 uL/well) can bind Anti-ROR2 Reference Antibody (ozuriftamab vedotin),EC50 is 0.160 ug/mL.



Human ROR2 CHO-S Cell Line were stained with Anti-ROR2 Reference Antibody (ozuriftamab vedotin) and negative control protein respectively, washed and then followed by PE and analyzed with FACS,The EC50 is 0.2650 μg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.