

## Product datasheet for **CF806826**

### ROR1 Mouse Monoclonal Antibody [Clone ID: OTI3D11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3D11
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ROR1 (NP_005003) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	104.1 kDa
Gene Name:	Homo sapiens receptor tyrosine kinase like orphan receptor 1 (ROR1), transcript variant 1, mRNA.
Database Link:	<a href="#">NP_005003</a> <a href="#">Entrez Gene 26563 Mouse</a> <a href="#">Entrez Gene 362550 Rat</a> <a href="#">Entrez Gene 4919 Human</a> <a href="#">Q01973</a>



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**Background:**

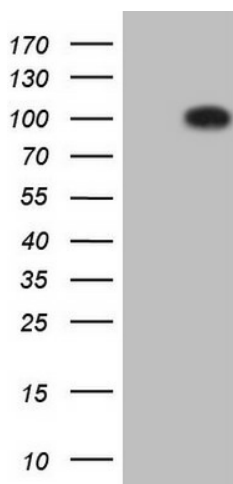
This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity 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

**Synonyms:**

dj537F10.1; NTRKR1

**Protein Families:**

Druggable Genome, Protein Kinase, Transmembrane

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ROR1 (Cat# [RC214967], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ROR1 (Cat# [TA806826]). Positive lysates [LY401558] (100ug) and [LC401558] (20ug) can be purchased separately from OriGene.