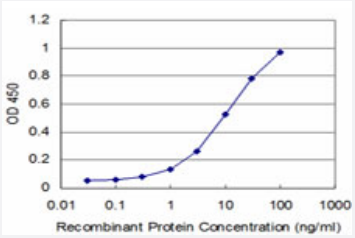
ROR2 monoclonal antibody (M01), clone 4E1

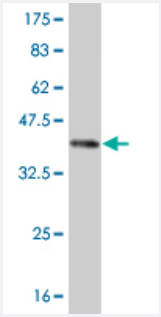
Catalog # H00004920-M01 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ROR2 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ROR2.
Immunogen	ROR2 (NP_004551, 34 a.a. ~ 143 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EVEVLDPNDPLGPLDGQDGPIPTLKGYFLNFLEPVNNITIVQGQTAILHCKVAGNPPPNVRWLKND APVVQEPRRIIIRKTEYGSRLRIQDLDTTDTGYYQCVATNGMKT
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (88); Rat (89)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged ROR2 is approximately 1ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — ROR2

Entrez GeneID	4920
GeneBank Accession#	NM_004560
Protein Accession#	NP_004551
Gene Name	ROR2
Gene Alias	BDB, BDB1, MGC163394, NTRKR2
Gene Description	receptor tyrosine kinase-like orphan receptor 2
Omim ID	113000 268310 602337
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The protein may be involved i n the early formation of the chondrocytes and may be required for cartilage and growth plate devel opment. Mutations in this gene can cause brachydactyly type B, a skeletal disorder characterized by hypoplasia/aplasia of distal phalanges and nails. In addition, mutations in this gene can cause t he autosomal recessive form of Robinow syndrome, which is characterized by skeletal dysplasia with generalized limb bone shortening, segmental defects of the spine, brachydactyly, and a dysm orphic facial appearance. [provided by RefSeq
Other Designations	OTTHUMP00000021634|OTTHUMP00000063680|neurotrophic tyrosine kinase receptor-related 2|tyrosine-protein kinase transmembrane receptor ROR2

Disease

- Cerebral Hemorrhage
- Chronic Disease
- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease
- Hypertension
- Intracranial Hemorrhages
- Kidney Diseases
- Stroke
- Subarachnoid Hemorrhage