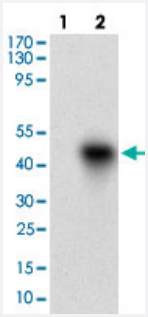
ROR2 monoclonal antibody, clone 6F2D10

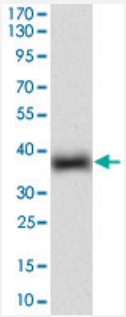
Catalog # MAB12258 Size 100 ug

Applications



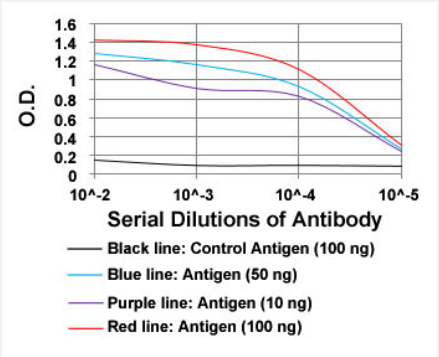
Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control [HEK293 cell lysate]; Lane 2: Over-expression lysate [ROR2 (AA: 59-155)-hIgGFc transfected HEK293 cells] with ROR2 monoclonal antibody, clone 6F2D10 (Cat# MAB12258) at 1:500-1:2000 dilution.



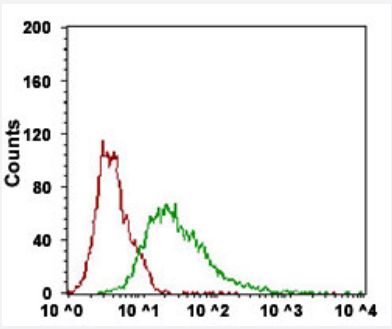
Western Blot (Recombinant protein)

Western blot analysis of human ROR2 (AA: 59-155) recombinant protein (Expected MW is 36.8 kDa) with ROR2 monoclonal antibody, clone 6F2D10 (Cat# MAB12258) at 1:500-1:2000 dilution.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of ROR2 monoclonal antibody, clone 6F2D10 (Cat# MAB12258) at 1:10000 dilution.



Flow Cytometry

Flow cytometric analysis of Hela cells with ROR2 monoclonal antibody, clone 6F2D10 (Cat# MAB12258) at 1:200-1:400 dilution (Green) and negative control (Red).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ROR2.
Immunogen	Recombinant protein corresponding to amino acids 59-155 of human ROR2.
Host	Mouse
Theoretical MW (kDa)	104.8
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Western blot analysis of Lane 1: Negative control [HEK293 cell lysate]; Lane 2: Over-expression lysate [ROR2 (AA: 59-155)-hIgGFc transfected HEK293 cells] with ROR2 monoclonal antibody, clone 6F2D10 (Cat# MAB12258) at 1:500-1:2000 dilution.

- Western Blot (Recombinant protein)

  Western blot analysis of human ROR2 (AA: 59-155) recombinant protein (Expected MW is 36.8 kDa) with ROR2 monoclonal antibody, clone 6F2D10 (Cat# MAB12258) at 1:500-1:2000 dilution.

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of ROR2 monoclonal antibody, clone 6F2D10 (Cat# MAB12258) at 1:10000 dilution.

- Flow Cytometry

  Flow cytometric analysis of Hela cells with ROR2 monoclonal antibody, clone 6F2D10 (Cat# MAB12258) at 1:200-1:400 dilution (Green) and negative control (Red).

Gene Info — ROR2

Entrez GeneID	4920
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