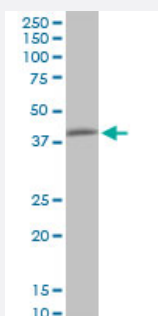


PPP1R8 monoclonal antibody (M21), clone 1G11

Catalog # H00005511-M21

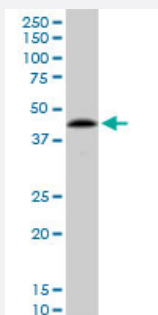
Size 50 ug

Applications



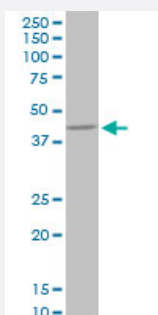
Western Blot (Cell lysate)

PPP1R8 monoclonal antibody (M21), clone 1G11. Western Blot analysis of PPP1R8 expression in Raw 264.7(Cat # L024V1).



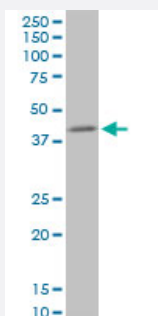
Western Blot (Cell lysate)

PPP1R8 monoclonal antibody (M21), clone 1G11. Western Blot analysis of PPP1R8 expression in HeLa S3 NE(Cat # L013V3).



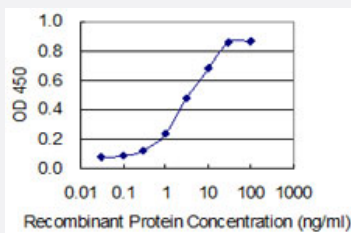
Western Blot (Cell lysate)

PPP1R8 monoclonal antibody (M21), clone 1G11. Western Blot analysis of PPP1R8 expression in NIH/3T3(Cat # L018V1).



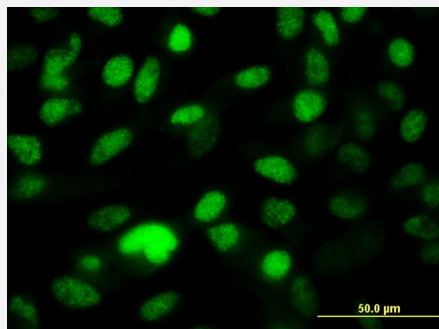
Western Blot (Cell lysate)

PPP1R8 monoclonal antibody (M21), clone 1G11. Western Blot analysis of PPP1R8 expression in PC-12(Cat # L012V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PPP1R8 is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to PPP1R8 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (48.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PPP1R8.
Immunogen	PPP1R8 (AAH13360, 1 a.a. ~ 209 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGGEDDELKGLLGLPEEETELDNLTETAHNKRISTLTIEEGNLDIQRPKMRKNSRVTFSEDDEI INPEDVDPSVGRFRNMVQTAVVPVKKKRVEGPGSLGLEESGSRMQNFASFSGGLYGGLPPTHS EAGSQPHGIHGTALIGGLPMPYPNLAPDVLTPVVPASVNMNPAPNPAVYNPEAVNEPKKKKYA KEAWPGKKPTPSLLI
Host	Mouse
Reactivity	Human, Mouse, Rat
Isotype	IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (48.73 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 (Cell lysate)

PPP1R8 monoclonal antibody (M21), clone 1G11. Western Blot analysis of PPP1R8 expression in Raw 264.7(Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

PPP1R8 monoclonal antibody (M21), clone 1G11. Western Blot analysis of PPP1R8 expression in Hela S3 NE(Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

PPP1R8 monoclonal antibody (M21), clone 1G11. Western Blot analysis of PPP1R8 expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

PPP1R8 monoclonal antibody (M21), clone 1G11. Western Blot analysis of PPP1R8 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PPP1R8 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PPP1R8 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — PPP1R8

Entrez GeneID	5511
GeneBank Accession#	BC013360
Protein Accession#	AAH13360
Gene Name	PPP1R8
Gene Alias	ARD-1, ARD1, NIPP-1, NIPP1, PRO2047
Gene Description	protein phosphatase 1, regulatory (inhibitor) subunit 8
Omim ID	602636
Gene Ontology	Hyperlink
Gene Summary	This gene, through alternative splicing, encodes three different isoforms. Two of the protein isoforms encoded by this gene are specific inhibitors of type 1 serine/threonine protein phosphatases and can bind but not cleave RNA. The third protein isoform lacks the phosphatase inhibitory function but is a single-strand endoribonuclease comparable to RNase E of E. coli. This isoform requires magnesium for its function and cleaves specific sites in A+U-rich regions of RNA. [provided by RefSeq]
Other Designations	OTTHUMP00000003847 OTTHUMP00000003848 OTTHUMP00000003849 OTTHUMP00000044938 RNase E activator of RNA decay nuclear inhibitor of protein phosphatase-1 nuclear subunit of PP-1 protein phosphatase 1 regulatory inhibitor subunit 8 protein phosphatase 1 regula