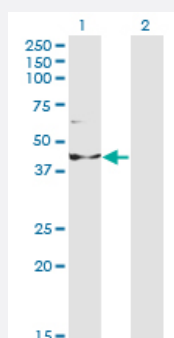


INPP1 monoclonal antibody (M14), clone 1A6

Catalog # H00003628-M14

Size 100 ug

Applications

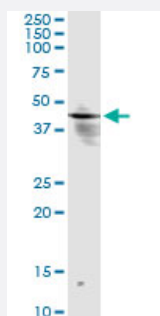


Western Blot (Transfected lysate)

Western Blot analysis of INPP1 expression in transfected 293T cell line by INPP1 monoclonal antibody (M14), clone 1A6.

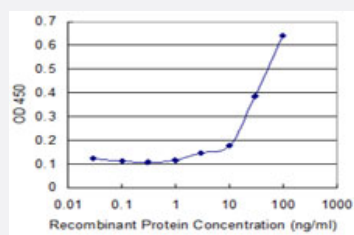
Lane 1: INPP1 transfected lysate(44 KDa).

Lane 2: Non-transfected lysate.



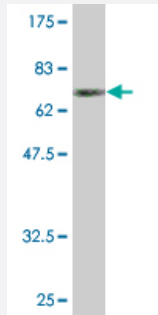
Immunoprecipitation

Immunoprecipitation of INPP1 transfected lysate using anti-INPP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with INPP1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged INPP1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (69.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant INPP1.
Immunogen	INPP1 (AAH15496, 1 a.a. ~ 399 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSDILRELLCVSEKAANIARACRQQEALFQLLIEEKKEGEKNKKFAVDFKTLADVLVQEVIKQNME NKFPGLEKNIFGEESNEFTNDWGEKITLRLCSTEEETAELLSKVLNGNKVASEALARVVHQDVAF TDPTLDSTEINVPQDILGMVDPIDSTYQYKGSADIKSNQGIFPCGLQCVTILIGVYDIQTGVPLMGVIN QPFVSRDPNTRLRWKGQCYWGLSYMGTNMHSLQLTISRRNGSEHTGTGSEAAFSFSFSAVIST SEKETIKAALSRVCGDRIFGAAGAGYKSLCVVQGLVDMYFSEDITTFKWDSCAAHAILRAMGGGMD LKECLERNPETGLDLPQLVYHVENEGAAGVDRWANKGGLIAYRSRKRLETFLSLLVQNLAPAEHT
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (69.63 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 (Transfected lysate)

Western Blot analysis of INPP1 expression in transfected 293T cell line by INPP1 monoclonal antibody (M14), clone 1A6.

Lane 1: INPP1 transfected lysate(44 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of INPP1 transfected lysate using anti-INPP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with INPP1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged INPP1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — INPP1

Entrez GeneID	3628
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GeneBank Accession#	BC015496
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Protein Accession#	AAH15496
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Gene Name	INPP1
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Gene Alias	MGC110984
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Gene Description	inositol polyphosphate-1-phosphatase
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Omim ID	147263
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Gene Ontology	Hyperlink
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Gene Summary

This gene encodes the enzyme inositol polyphosphate-1-phosphatase, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 1 of the inositol ring from the polyphosphates inositol 1,4-bisphosphate and inositol 1,3,4-trisphosphate. [provided by RefSeq]

Other Designations

-

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hyperinsulinism](#)
- [Insulin Resistance](#)
- [Mental Disorders](#)
- [NARP](#)
- [Obesity](#)
- [Stress Disorders](#)