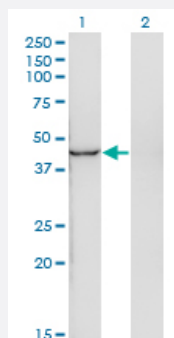


INPP1 monoclonal antibody (M11A), clone 4F9

Catalog # H00003628-M11A

Size 200 uL

Applications

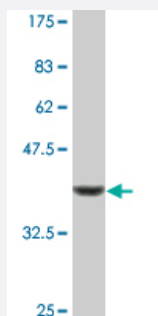


Western Blot (Transfected lysate)

Western Blot analysis of INPP1 expression in transfected 293T cell line by INPP1 monoclonal antibody (M11A), clone 4F9.

Lane 1: INPP1 transfected lysate(44 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant INPP1.

Immunogen

INPP1 (NP_002185, 300 a.a. ~ 399 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

GLVDMFSEDTTFKWDSCAAHAILRAMGGGIVDLKECLERNPETGLDLPQLVYHVENEGAAGVDR
WANKGGLIAYRSRKRLTFLSLLVQNLAPAETHT

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer

In ascites fluid

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 (M11A), clone 4F9.

Lane 1: INPP1 transfected lysate(44 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — INPP1

Entrez GeneID

[3628](#)

GeneBank Accession#

[NM_002194](#)

Protein Accession#

[NP_002185](#)

Gene Name

INPP1

Gene Alias

MGC110984

Gene Description

inositol polyphosphate-1-phosphatase

Omim ID

[147263](#)

Gene Ontology

[Hyperlink](#)

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](#)