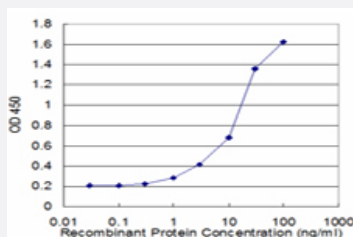


HIP1 monoclonal antibody (M02), clone 1E9

Catalog # H00003092-M02

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HIP1 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 HIP1.

Immunogen

HIP1 (NP_005329, 928 a.a. ~ 1037 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

DSPNLAQLQQASRGVQNQATAGVVASTISGKSQIEETDNMDFSSMTLTQIKRQEMDSQVRVLELEN
ELQKERQKLGLRKKHYELAGVAEGWEEGTEASPTLQEVVTEKE

Host

Mouse

Reactivity

Human

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 HIP1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HIP1

Entrez GeneID

[3092](#)

GeneBank Accession#

[NM_005338](#)

Protein Accession#

[NP_005329](#)

Gene Name

HIP1

Gene Alias

ILWEQ, MGC126506

Gene Description

huntingtin interacting protein 1

Omim ID

[176807](#) [601767](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The product of this gene is a membrane-associated protein that colocalizes with huntingtin. This protein has similarities to cytoskeleton proteins and its interaction with huntingtin is thought to play a functional role in the cell filament network. Loss of normal huntingtin-HIP1 interaction in Huntington disease may contribute to a defect in membrane-cytoskeletal integrity in the brain. This gene could help in the understanding of the normal function of huntingtin and also the pathogenesis of Huntington disease. It also has been implicated in the pathogenesis of hematopoietic malignancies. An alternative splice variant of this gene has been described but its full length sequence has not been determined. [provided by RefSeq]

Other Designations

-

Disease

- [Huntington disease](#)