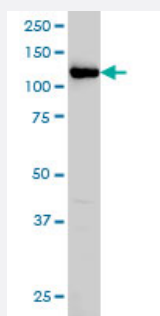


# HIP1 monoclonal antibody (M01), clone 1F12

Catalog # H00003092-M01

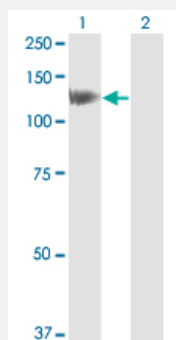
Size 100 ug

## Applications



### Western Blot (Cell lysate)

HIP1 monoclonal antibody (M01), clone 1F12 Western Blot analysis of HIP1 expression in HeLa ( Cat # L013V1 ).

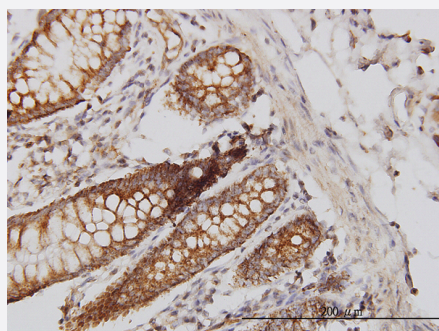


### Western Blot (Transfected lysate)

Western Blot analysis of HIP1 expression in transfected 293T cell line by HIP1 monoclonal antibody (M01), clone 1F12.

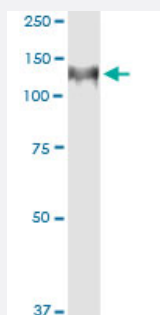
Lane 1: HIP1 transfected lysate(116.2 KDa).

Lane 2: Non-transfected lysate.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to HIP1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

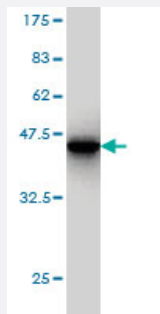
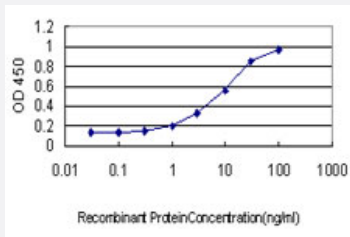


### Immunoprecipitation

Immunoprecipitation of HIP1 transfected lysate using anti-HIP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HIP1 MaxPab rabbit polyclonal antibody.

## Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HIP1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant HIP1.
<b>Immunogen</b>	HIP1 (NP_005329, 928 a.a. ~ 1037 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	DSPNLAQLQQASRGVNVQATAGVVASTISGKSQIEETDNMDFSSMTLTQIKRQEMDSQVRVLELEN ELQKERQKLGLRKKHYELAGVAEGWEEGTEASPTLQEVVTEKE
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

HIP1 monoclonal antibody (M01), clone 1F12 Western Blot analysis of HIP1 expression in HeLa ( Cat # L013V1 ).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of HIP1 expression in transfected 293T cell line by HIP1 monoclonal antibody (M01), clone 1F12.

Lane 1: HIP1 transfected lysate(116.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to HIP1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of HIP1 transfected lysate using anti-HIP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HIP1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HIP1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HIP1

Entrez GeneID	<a href="#">3092</a>
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GeneBank Accession#	<a href="#">NM_005338</a>
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Protein Accession#	<a href="#">NP_005329</a>
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Gene Name	HIP1
Gene Alias	ILWEQ, MGC126506
Gene Description	huntingtin interacting protein 1
Omim ID	<a href="#">176807 601767</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
Other Designations	-

## Disease

- [Huntington disease](#)