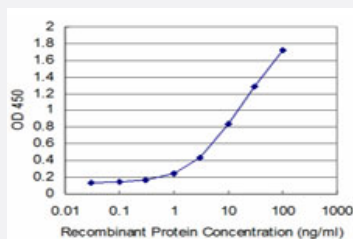


HD monoclonal antibody (M05), clone 1H6

Catalog # H00003064-M05

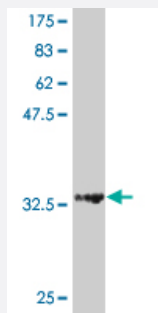
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HD.
Immunogen	HD (NP_002102, 81 a.a. ~ 190 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AVAAEEPLHRPKKELSATKKDRVNHCLTICENVAQSVRNSPEFQKLLGIAMELFLCSDDAESDVR MVADECLNKVIKALMDSNLPRLQLELYKEIKKNGAPRSLRAALW
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 HD is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HTT

Entrez GeneID	3064
GeneBank Accession#	NM_002111
Protein Accession#	NP_002102
Gene Name	HTT
Gene Alias	HD, IT15
Gene Description	huntingtin
Omim ID	143100
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [IKK phosphorylates Huntingtin and targets it for degradation by the proteasome and lysosome.](#)

Thompson LM, Aiken CT, Kaltenbach LS, Agrawal N, Illes K, Khoshnan A, Martinez-Vincente M, Arrasate M, O'Rourke JG, Khashwji H, Lukacsovich T, Zhu YZ, Lau AL, Massey A, Hayden MR, Zeitlin SO, Finkbeiner S, Green KN, LaFerla FM, Bates G, Huang L, Patterson PH, Lo DC, Cuervo AM, Marsh JL, Steffan JS.

The Journal of Cell Biology 2009 Dec; 187(7):1083.

Application: WB-Tr, Rat, ST14A cells

Disease

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- [Atrophy](#)
- [Cerebellar Ataxia](#)
- [Cognition Disorders](#)
- [Decision Making](#)
- [Depressive Disorder](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Fragile X Syndrome](#)
- [Friedreich Ataxia](#)
- [Genetic Predisposition to Disease](#)
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- [Insulin Resistance](#)
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