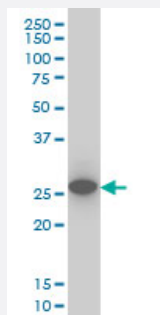


UCHL1 monoclonal antibody (M01), clone 1B8-4D2

Catalog # H00007345-M01

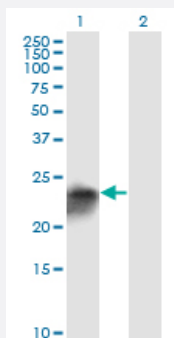
Size 100 ug

Applications



Western Blot (Cell lysate)

UCHL1 monoclonal antibody (M01), clone 1B8-4D2 Western Blot analysis of UCHL1 expression in IMR-32 (Cat # L008V1).

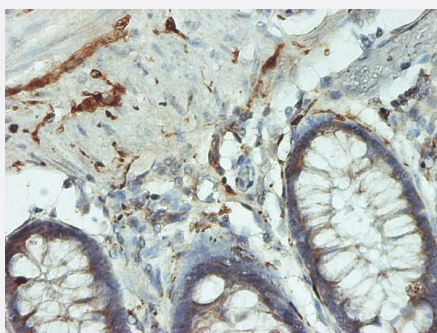


Western Blot (Transfected lysate)

Western Blot analysis of UCHL1 expression in transfected 293T cell line by UCHL1 monoclonal antibody (M01), clone 1B8-4D2.

Lane 1: UCHL1 transfected lysate (Predicted MW: 24.8 KDa).

Lane 2: Non-transfected lysate.

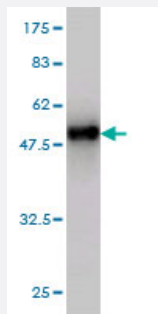
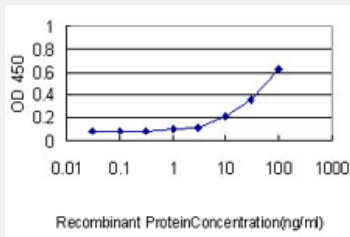


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to UCHL1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 1 ~ 10 ug/ml]

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UCHL1 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (50.27 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant UCHL1.
Immunogen	UCHL1 (AAH00332, 1 a.a. ~ 223 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MQLKPMEINPEMLNKVLSRLGVAGQWRFVDVLGLEEEESLGSPAPACALLLLFPLTAQHENFRK KQIEELKGQEVSPKVYFMQTIGNSCGTIGLIHAVANNQDKLGFEDGSVLKQFLSETEKMSPEDRA KCFEKNEAIQAAHDAVAQEGQCRVDDKVNHFHILFNNVDGHL YELDGRMPFPVNHGASSEDLL KDAAKVCREFTEREQGEVRFSAVALCKAA
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (50.27 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 (Cell lysate)

UCHL1 monoclonal antibody (M01), clone 1B8-4D2 Western Blot analysis of UCHL1 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of UCHL1 expression in transfected 293T cell line by UCHL1 monoclonal antibody (M01), clone 1B8-4D2.

Lane 1: UCHL1 transfected lysate (Predicted MW: 24.8 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 UCHL1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 1 ~ 10 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UCHL1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — UCHL1

Entrez GeneID	7345
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GeneBank Accession#	BC000332
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Protein Accession#	AAH00332
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Gene Name	UCHL1
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Gene Alias	PARK5, PGP9.5, Uch-L1
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Gene Description	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
Omim ID	168600 191342
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease
Other Designations	ubiquitin C-terminal esterase L1 ubiquitin carboxyl-terminal esterase L1 ubiquitin thiolesterase L1

Disease

- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Movement Disorders](#)
- [Multiple System Atrophy](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)