

Product Name: UCHL1 Mouse Monoclonal Antibody
Catalog #: AMM82958



Summary

Production Name	UCHL1 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,FC,ELISA
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	UCHL1
Alternative Names	NDGOA; PARK5; PGP95; SPG79; PGP9.5; UCHL-1; Uch-L1; HEL-117; PGP 9.5; HEL-S-53
Gene ID	7345.0
SwissProt ID	P09936.Purified recombinant fragment of human UCHL1 (AA: 1-220) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	24.8kDa

Background

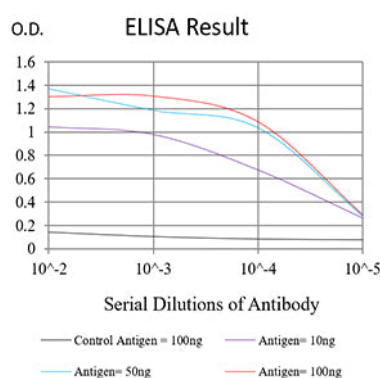
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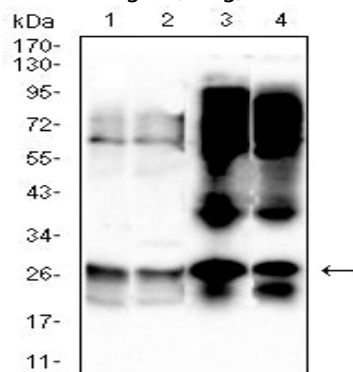
The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.

Research Area

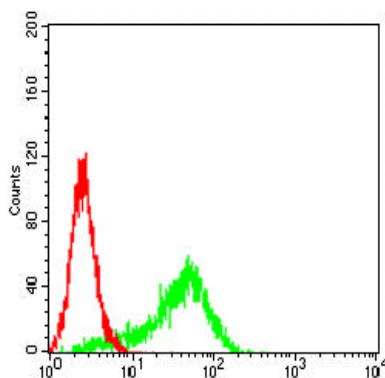
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



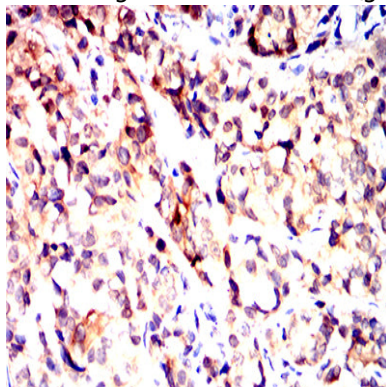
Western blot analysis using UCHL1 mouse mAb against DU145 (1), A549 (2) cell lysate, rat brain (3), and mouse brain (4) tissue lysate.



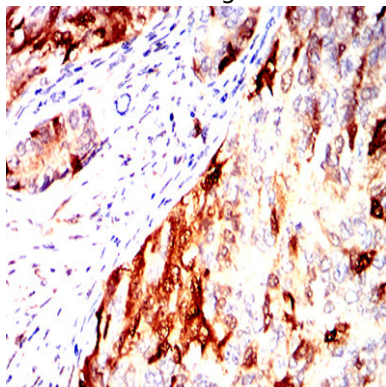
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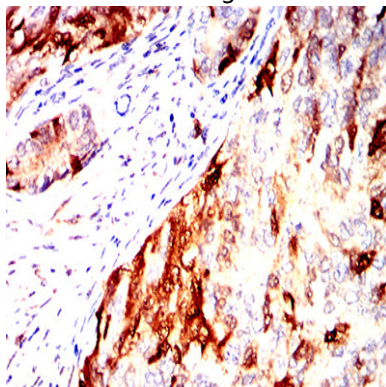
Flow cytometric analysis of Hela cells using UCHL1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using UCHL1 mouse mAb with DAB staining.

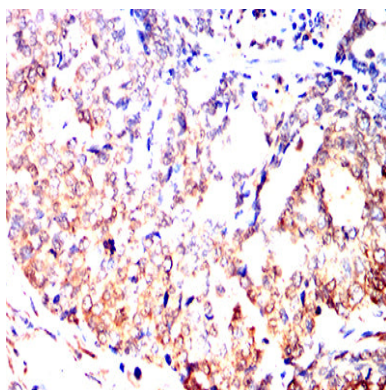


Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using UCHL1 mouse mAb with DAB staining.

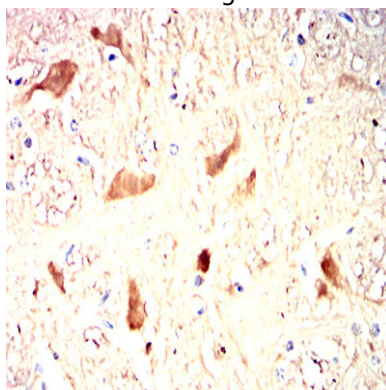


Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using UCHL1 mouse mAb with DAB staining.

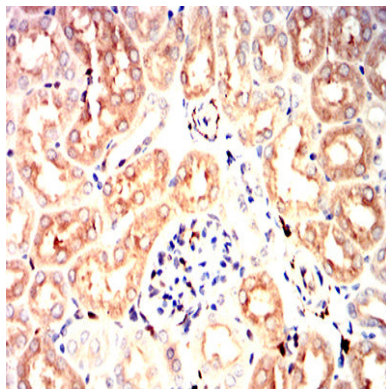
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Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using UCHL1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded mouse brain tissues using UCHL1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissues using UCHL1 mouse mAb with DAB staining.

Note

For research use only.