

## Product datasheet for **UM800136CF**

### PGP9.5 (UCHL1) Mouse Monoclonal Antibody [Clone ID: UMAB244]

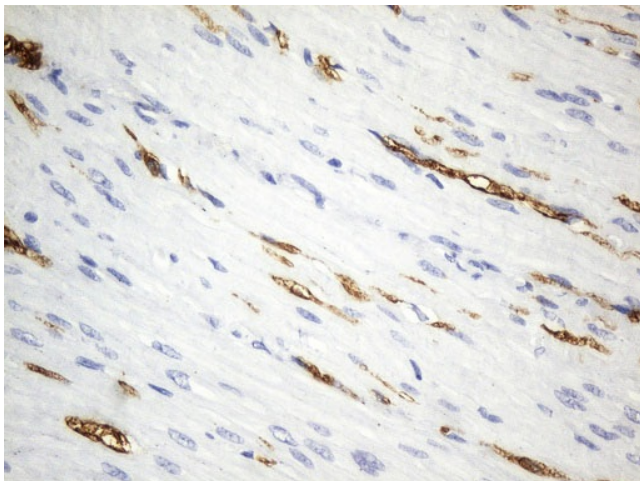
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	UMAB244
Applications:	10k-ChIP, IHC, WB
Recommended Dilution:	IHC 1:100~600
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human UCHL1(NP_004172) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	24.6 kDa
Gene Name:	ubiquitin C-terminal hydrolase L1
Database Link:	<a href="#">NP_004172</a> <a href="#">Entrez Gene 22223 Mouse</a> <a href="#">Entrez Gene 29545 Rat</a> <a href="#">Entrez Gene 7345 Human</a> <a href="#">P09936</a>
Synonyms:	HEL-117; NDGOA; PARK5; PGP 9.5; PGP9.5; PGP95; Uch-L1
Protein Families:	Druggable Genome, Protease

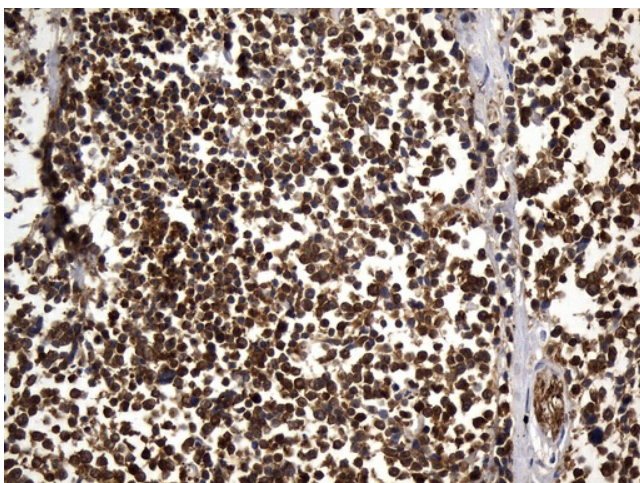
[View online »](#)

Protein Pathways: Parkinson's disease

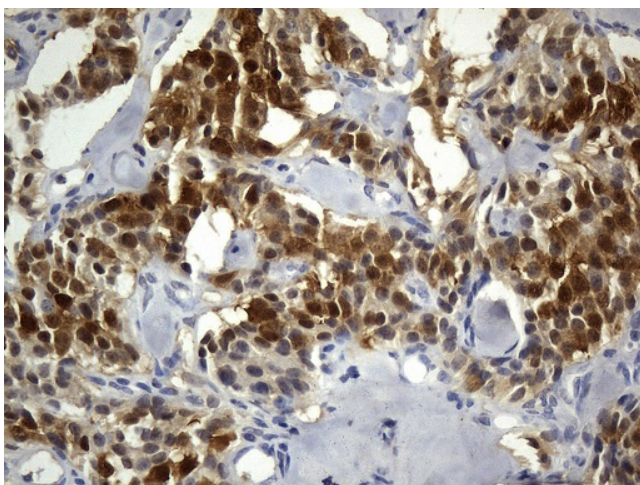
## Product images:



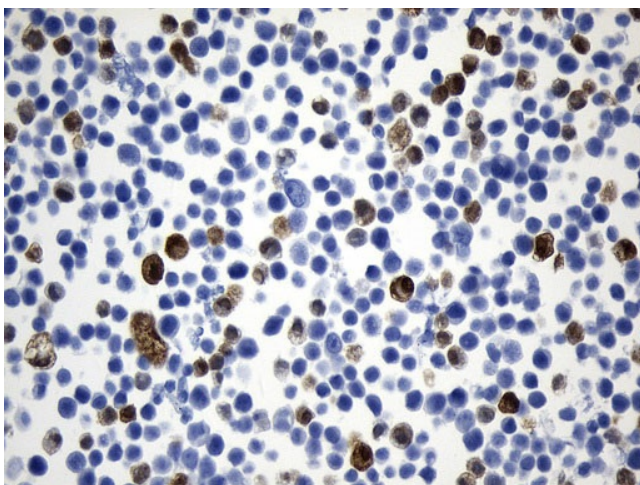
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-UCHL1 (PGP9.5) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800136]) (1:600)



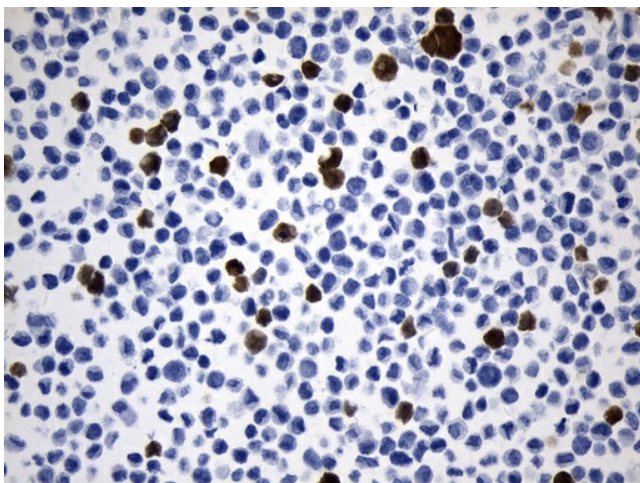
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-UCHL1 (PGP9.5) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800136]) (1:600)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-UCHL1 (PGP9.5) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800136]) (1:600)

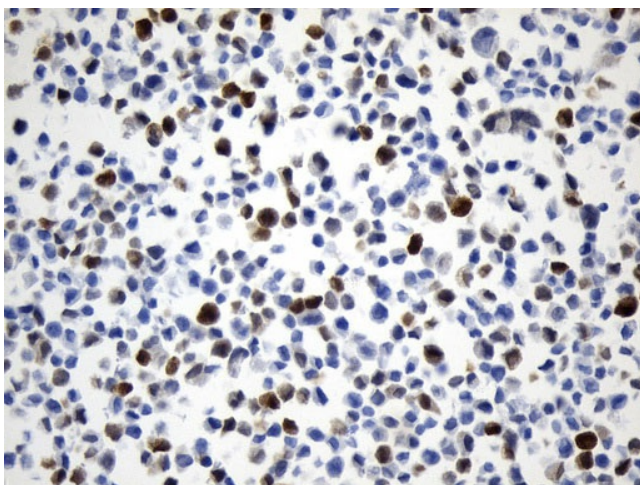


Immunohistochemical staining of paraffin-embedded MCF7 cell pellets using anti-UCHL1 (PGP9.5) mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800136]) (1:600)

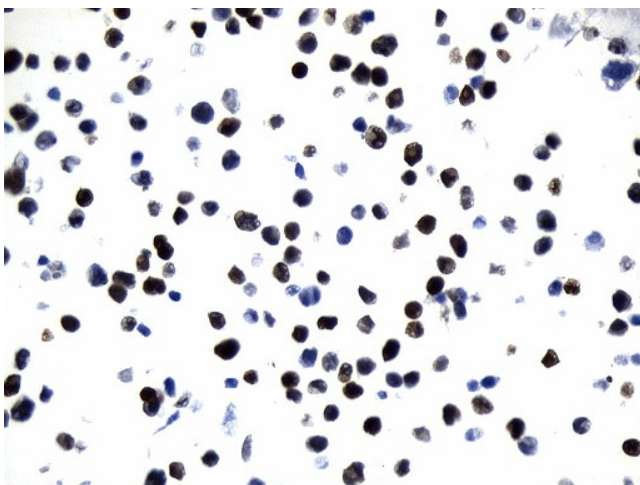


Immunohistochemical staining of paraffin-embedded NIH/3T3 cell pellets using anti-UCHL1 (PGP9.5) mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800136]) (1:600)

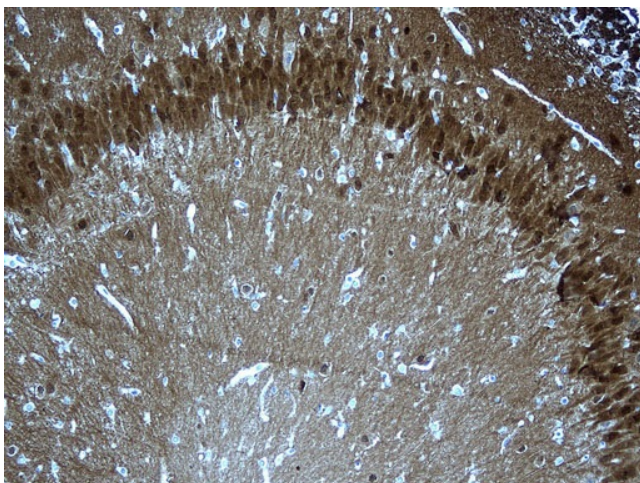




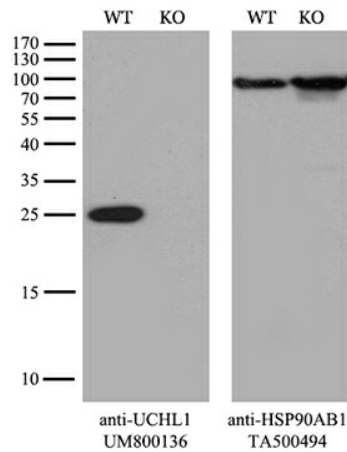
Immunohistochemical staining of paraffin-embedded COS-7 cell pellets using anti-UCHL1 (PGP9.5) mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800136]) (1:600)



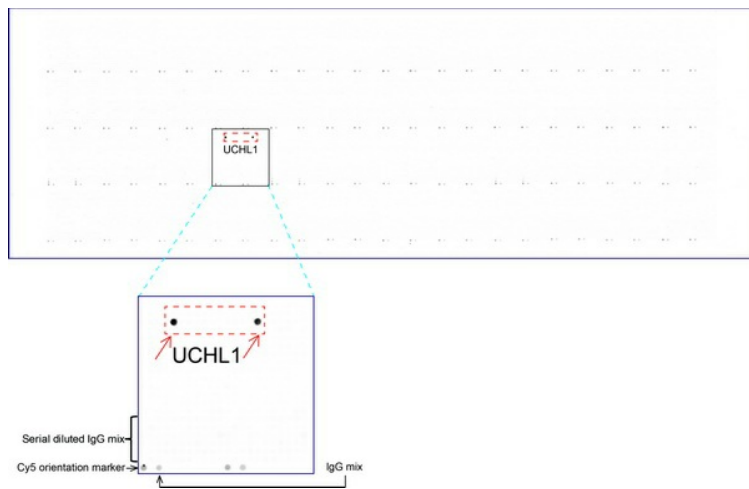
Immunohistochemical staining of paraffin-embedded Huh7 cell pellets using anti-UCHL1 (PGP9.5) mouse monoclonal antibody (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800136]) (1:600)



Immunohistochemical staining of paraffin-embedded rat cerebrum tissue within the normal limits using anti-UCHL1 (PGP9.5) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800136]) (1:150) (1:600)



Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and UCHL1-Knockout 293T cells (KO, Cat# [LC810250]) were separated by SDS-PAGE and immunoblotted with anti-UCHL1 monoclonal antibody [UM800136]. Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control (1:500).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-UCHL1 (PGP9.5) mouse monoclonal antibody ([UM800136]). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification (1:100).