

## Recombinant UCHL1/PGP9.5 Monoclonal Antibody

catalog number: AN300102P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

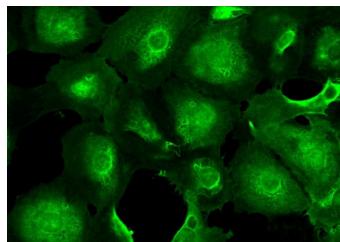
Reactivity	Human
Immunogen	Recombinant Human UCHL1 protein
Host	Rabbit
Isotype	IgG
Clone	A1216
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

### Applications

### Recommended Dilution

WB	1:500-1:2000
ICC/IF	1:20-1:100
IP	0.5-2 µL/mg of lysate

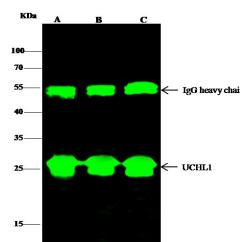
### Data



Immunofluorescence analysis of UCHL1 in DU145 cells.

Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human UCHL1 Monoclonal Antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to

Cytoplasm.



Immunoprecipitation analysis using 2 µL anti-UCHL1

Monoclonal Antibody and 15 µL of 50 % Protein G agarose.

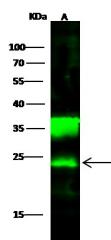
Western blot was performed from the immunoprecipitate using UCHL1 Monoclonal Antibody at a dilution of 1:500.

Lane A:0.5 mg 293T Whole Cell Lysate, Lane B:0.5 mg SH-SY5Y Whole Cell Lysate, Lane C:0.5 mg U87MG Whole

Cell Lysate

**Observed-MW:24 kDa**

**Calculated-MW:25 kDa**



Western Blot with UCHL1 / PGP9.5 Monoclonal Antibody at

dilution of 1:500. Lane A: SH-SY5Y Whole Cell Lysate,

Lysates/proteins at 30 µg per lane.

**Observed-MW:24 kDa**

**Calculated-MW:25 kDa**

### Preparation & Storage

### For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.2

**Storage**

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

**Shipping**

Ice bag

**Background**

Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins (Probable). This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity.

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