

## 34-1123: Monoclonal Antibody to Ubiquitin C-terminal hydrolase 1 , UCHL1(Clone: BH7)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	BH7
<b>Application :</b>	WB, ICC/IF, IHC
<b>Reactivity :</b>	Human, Rat, Mouse, Cow, Pig, Horse
<b>Gene :</b>	UCHL1
<b>Gene ID :</b>	7345
<b>Uniprot ID :</b>	P09936
<b>Format :</b>	Ascites
<b>Alternative Name :</b>	Neuron cytoplasmic protein 9.5,PGP9.5,PGP 9.5,Ubiquitin thioesterase L1
<b>Isotype :</b>	Mouse, IgG1
<b>Immunogen Information :</b>	Recombinant full length human UCHL1 purified from E. coli.

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Antibody is supplied as an aliquot of 1 mg/ml of affinity purified antibody or ascites.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

WB: 1:20,000. ICC/IF and IHC: 1:2,000.

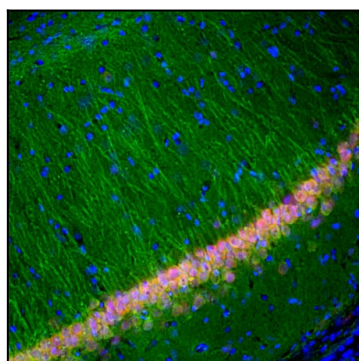


Figure-1: Immunofluorescent analysis of rat hippocampal section stained with mouse mAb to UCHL1,(34-1123), dilution 1:5,000 in green and costained with rabbit pAb to FOX/NeuN,(34-1036), dilution 1:2,000, in red. The blue is Hoechst staining of nuclear DNA. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 µm, and free-floating sections were stained with above antibodies. The UCHL1 antibody stains the cell body and dendrites of hippocampal neurons, while the FOX3 antibody labels nuclei of the neuronal cells.

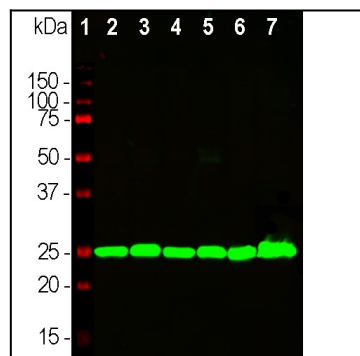


Figure-2: Western blot analysis of tissue lysates using mouse mAb to UCHL1,(34-1123), dilution 1:10,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] pig brain, [7] pig spinal cord. The single band at 24kDa corresponds to the UCHL1 protein.