

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

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

Product Info

Amount :	50 µl / 100 µl
Content :	Antibody is supplied as an aliquot of 1 mg/ml of affinity purified antibody or ascites.
Storage condition :	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.

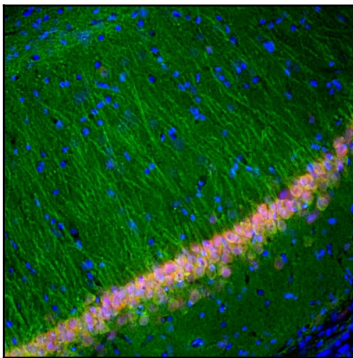


Figure-1: Immunofluorescent analysis of rat hippocampal section stained with mouse mAb to UCHL1,(34-1123), dilution 1:5,000 in green and costained with rabbit pAb to FOX/NeuN,(34-1036), dilution 1:2,000, in red. The blue is Hoechst staining of nuclear DNA. Following transcardial perfusion of rat with 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.

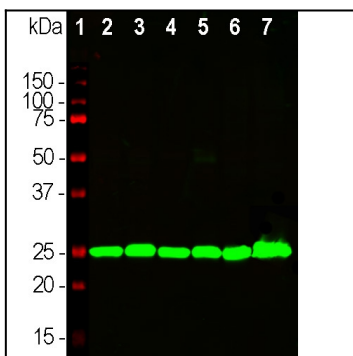


Figure-2: Western blot analysis of tissue lysates using mouse mAb to UCHL1,(34-1123), dilution 1:10,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] pig brain, [7] pig spinal cord. The single band at 24kDa corresponds to the UCHL1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