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## 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,PGP 9.5,Ubiquitin thioesterase L1

**Isotype:** Mouse, lgG1

**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.

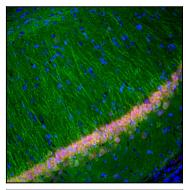


Figure-1: Immunofluorescent analysis of rat hippocampal section stained with mouse mAb to UCHL1,(34-1123), dilution 1:5,000 in green and costained with rabbit pAb to FOX/NeuN,(34-1036), dilution 1:2,000, in red. The blue is Hoechst staining of nuclear DNA. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 144M, 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.

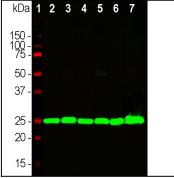


Figure-2: Western blot analysis of tissue lysates using mouse mAb to UCHL1,(34-1123), dilution 1:10,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] pig brain, [7] pig spinal cord. The single band at 24kDa corresponds to the UCHL1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