

Anti-Ubiquitin C-terminal Hydrolase 1 (UCHL1) Monoclonal Antibody

Catalog Number: M01018-3

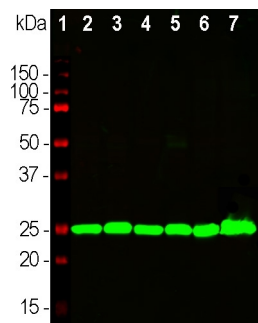
Overview

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|----------------------|---|
| Product Name | Anti-Ubiquitin C-terminal Hydrolase 1 (UCHL1) Monoclonal Antibody |
| Reactive Species | Bovine, Equine, Human, Mouse, Pig, Rat |
| Description | Boster Bio Anti-Ubiquitin C-terminal Hydrolase 1 (UCHL1) Monoclonal Antibody catalog # M01018-3. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Bovine, Equine, Human, Mouse, Pig, Rat. |
| Application | IF, IHC, ICC, WB |
| Clonality | Monoclonal |
| Formulation | Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN ₃ |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Mouse |
| Uniprot ID | P09936 |

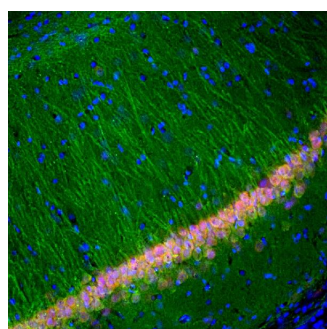
Technical Details

| | |
|---------------------|--|
| Immunogen | Recombinant full length human UCHL1 purified from E. coli. |
| Concentration | 0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure. |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blot: 1:20,000. ICC/IF and IHC: 1:2,000. |

Anti-Ubiquitin C-terminal Hydrolase 1 (UCHL1) Monoclonal Antibody (M01018-3) Images



Western blot analysis of tissue lysates using mouse mAb to UCHL1, M01018-3, 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.



Immunofluorescent analysis of rat hippocampal section stained with mouse mAb to UCHL1, M01018-3, dilution 1:5,000 in green and costained with rabbit pAb to FOX/NeuN, dilution 1:2,000, in red. The blue is DAPI staining of nuclear DNA. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 M, 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.

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