

Anti-Ubiquitin Monoclonal Antibody

Catalog Number: M02848-4

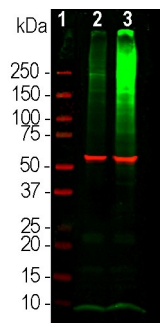
Overview

Product Name	Anti-Ubiquitin Monoclonal Antibody
Reactive Species	Bovine, C. elegans, Chicken, Cow, Drosophila, Equine, Human, Monkey, Mouse, Pig, Rat, Horse
Description	Boster Bio Anti-Ubiquitin Monoclonal Antibody catalog # M02848-4. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Bovine, C. elegans, Chicken, Cow, Drosophila, Equine, Human, Monkey, Mouse, Pig, Rat, Horse.
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	P62987

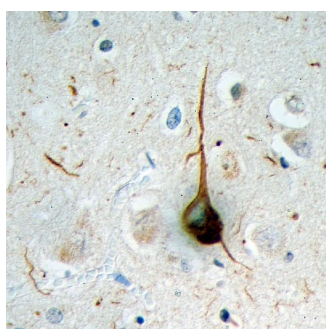
Technical Details

Immunogen	Purified bovine erythrocyte ubiquitin coupled to KLH with glutaraldehyde
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:1,000-1:2,000. ICC/IF and IHC: 1:2,000</p>

Anti-Ubiquitin Monoclonal Antibody (M02848-4) Images



Western blot analysis of HEK293 cell lysates using mouse mAb to ubiquitin, M02848-4, dilution 1:1,000 in green. [1] protein standard (red), [2] cells maintained in normal medium, [3] cells treated with 10



Formalin fixed paraffin embedded section of cerebral cortex of an Alzheimer patient processed with M02848-4 using HRP/DAB, giving a brown signal. Also stained with haematoxylin in blue. A typical flame shaped tangle is seen in a pyramidal neuron in the center and is surrounded by some dystrophic neurites, also strongly ubiquitin positive. Both are commonly seen in cortical and hippocampal Alzheimer brain sections and are typical for this disease, but are rare or absent in healthy brain.

2 Publications Citing This Product

1. PubMed ID: 10.1016/j.ejphar.2019.172617, Mitochondrial E3 ubiquitin ligase 1 promotes brain injury by disturbing mitochondrial dynamics in a rat model of ischemic stroke
2. PubMed ID: 10.1007/s00128-020-02927-5, Biochemical Toxicity and Potential Detoxification Mechanisms in Earthworms Eisenia fetida Exposed to Sulfamethazine and Copper

Visit [bosterbio.com/anti-ubiquitin-monoclonal-antibody-m02848-4-boster.html](https://www.bosterbio.com/anti-ubiquitin-monoclonal-antibody-m02848-4-boster.html) to see all 2 publications.

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