

Anti-C-FOS Monoclonal Antibody

Catalog Number: M00297-3

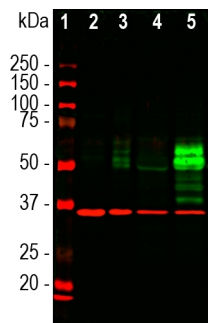
Overview

Product Name	Anti-C-FOS Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-C-FOS Monoclonal Antibody catalog # M00297-3. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, 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	P01100

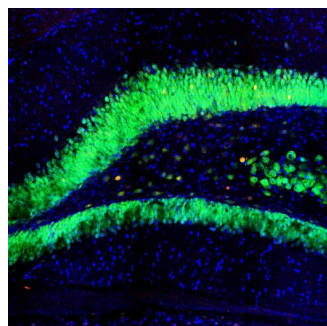
Technical Details

Immunogen	Full length recombinant human protein expressed in and purified from E. coli.
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: 1:1,000-2,000, IF/ICC or IHC: 1:1,000</p>

Anti-C-FOS Monoclonal Antibody (M00297-3) Images



Western blot analysis of cell lysates using mouse mAb to cFos, M00297-3, dilution 1:1,000, in green, and rabbit pmAb to GAPDH, dilution 1:20,000, in red, used as a loading control. [1] protein standard (red), [2] HeLa cells in serum free media. [3] HeLa cells stimulated with 20% fetal bovine serum for 2hrs after 36hrs in serum free media. [4] rat cortical neurons. [5] rat cortical neurons treated with membrane depolarization buffer for 5hrs. Multiple bands at 50-65kDa in stimulated or treated cell lysates correspond to different forms of the c-Fos protein. The single band at 37 kDa represents GAPDH protein.



Section of rat hippocampus stained with mouse monoclonal antibody to c-FOS M00297-3 in red and counterstained with rabbit polyclonal antibody to FOX3/NeuN. DAPI reveals nuclei of neurons and glia in blue. The hippocampal neurons stain green for FOX3/NeuN and a few also are expressing c-FOS, and so appear orange. These cells were spontaneously active at the time the animal was sacrificed.

11 Publications Citing This Product

1. PubMed ID: 10.3748/wjg.14.5008, Positional and expressive alteration of prohibitin during the induced differentiation of human hepatocarcinoma SMMC-7721 cells
2. PubMed ID: 10.3969/j.issn.1673-5374.2012.23.001, Neurotoxicity of intrathecal injections of dexmedetomidine into the rat spinal dorsal horn
3. PubMed ID: 10.1016/j.joen.2007.07.034, Correlation between the Expression of c-Fos and Osteoclasts in Induced Periapical Lesions in Rats

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