

## Anti-c-FOS antibody (Full Length) [2H2] (STJA0003594)

STJA0003594

### GENERAL INFORMATION

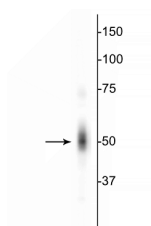
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-c-FOS (Full Length) is suitable for use in Western Blot, Immunohistochemistry and Immunocytochemistry research applications.
<b>Applications</b>	WB/IHC/ICC
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Bovine/Human/Mouse/Rat

### PRODUCT PROPERTIES

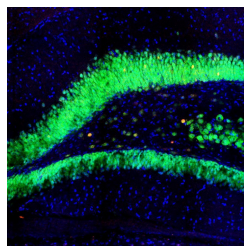
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	2H2
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	This antibody was protein g purified culture from supernatant.
<b>Dilution Range</b>	WB 1:2000 IHC 1:1000 ICC 1:1000
<b>Formulation</b>	100 ul in PBS + 50% Glycerol and 5 mM Sodium Azide
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

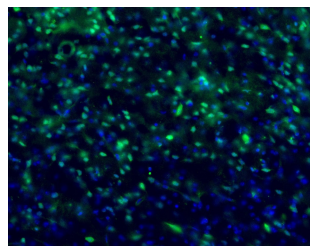
<b>Gene ID</b>	2353
<b>Gene Symbol</b>	FOS
<b>Uniprot ID</b>	FOS_HUMAN
<b>Immunogen</b>	Recombinant full length human c-FOS expressed in and purification from E. Coli.
<b>Immunogen Region</b>	Full Length
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



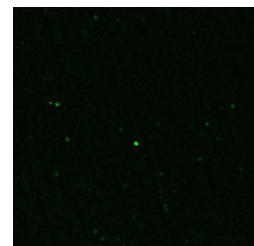
Western blot of HeLa cell lysate showing specific immunolabeling of the ~50 kDa c-FOS protein.



Immunofluorescence of a section of rat hippocampus showing neurons labeled with c-FOS (STJA0003594, 1:1000, red) counterstained with FOX3 (NeuN) (green), and nuclear staining with DAPI. When both c-FOS and FOX3 are expressed the label appears orange.



Immunostaining of mouse brain labeling c-Fos protein in green (STJA0003594, 1:1000) and DNA with DAPI. Photo courtesy of Adam Almeida, University of Colorado.



Immunolabeling of a section of rat brain that specifically labels c-FOS protein (STJA0003594, green, 1:1000). Frozen sections were fixed with 4%PFA for 24 hours. Before performing free floating immunohistochemistry, sections underwent antigen retrieval with sodium citrate (pH6.0) for 30 minutes at 80°C. Image kindly provided by Angela Gonzalez, Washington State University, Vancouver.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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