

c-FOS Antibody
Mouse Monoclonal Antibody
Catalog # AN1261**Specification**

c-FOS Antibody - Product Information

Application	WB, IHC, IF
Primary Accession	P01100
Reactivity	Human, Mouse, Bovine
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	40695

c-FOS Antibody - Additional Information

Gene ID	2353
Gene Name	FOS

Target/Specificity

Recombinant full length human c-FOS expressed in and purified from E. Coli.

Dilution

WB~~ 1:2000
IHC~~1:100~500
IF~~ 1:1000

Format

Protein G purified culture supernatant

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

c-FOS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

Blue Ice

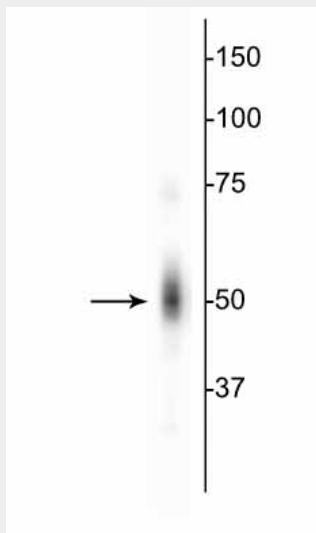
c-FOS Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

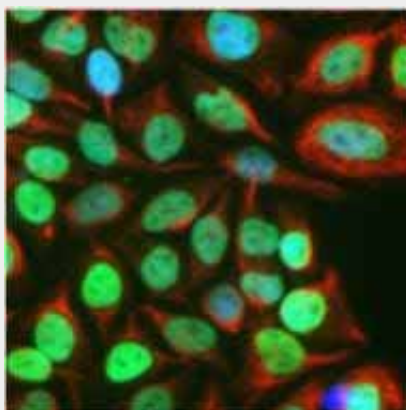
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

c-FOS Antibody - Images



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



Immunofluorescence of serum starved, FBS stimulated HeLa cells showing nuclear c-FOS labeling of activated cells in green and vimentin in red.

c-FOS Antibody - Background

c-FOS is a member of the FOS transcription factor family which forms dimers with c-JUN to produce the Activator Protein 1 (AP-1) complex which plays a key role in critical cellular processes such as cell proliferation, differentiation and apoptosis (Chiu et al., 1988). c-FOS expression has been demonstrated to be a useful marker of neuronal activation as it is rapidly induced following various stimuli (Hoffman et al., 1993). Additionally, c-FOS has been shown to be overexpressed in a variety of malignant tumor types (Milde-Langosch 2005).