

## c-Fos antibody

**Cat. No. GTX03375**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC (Free Floating)
<b>Reactivity</b>	Human, Mouse, Rat

**Package**  
100 µl

### Applications

#### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC (Free Floating)	Assay dependent

Not tested in other applications.

**Calculated MW** 41 kDa. ( [Note](#) )

### Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 50% glycerol
<b>Preservative</b>	5mM Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Full length recombinant human protein expressed in and purified from E. coli.
<b>Purification</b>	Purified by affinity chromatography
<b>Conjugation</b>	Unconjugated

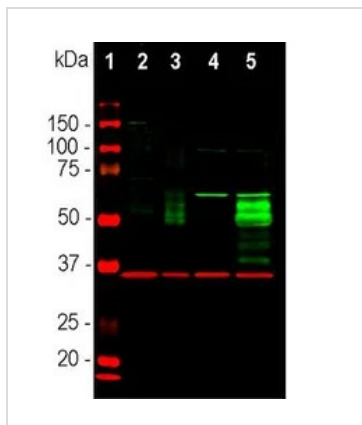
#### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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**DATA IMAGES**

**GTX03375 WB Image**

WB analysis of various sample lysates using GTX03375 c-Fos antibody. Multiple bands at 50-65 kDa in stimulated or treated cell lysates, correspond to different isoforms of the c-FOS protein.

Red : Primary antibody

Green : GAPDH

Dilution : 1:2000

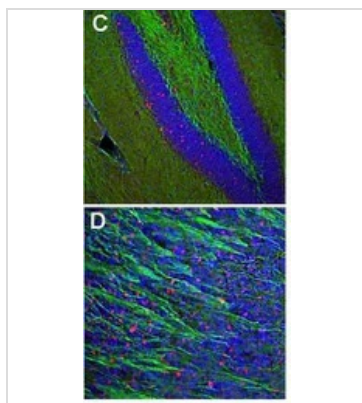
Lane 1 : protein marker

Lane 2 : HeLa cells grown in FBS free media

Lane 3 : HeLa cells stimulated with 20% FBS for 2 hours after being in FBS free media for 36 hours

Lane 4 : rat cortical neurons

Lane 5 : rat cortical neurons treated with membrane depolarization buffer for 5 hours


**GTX03375 IHC (Free Floating) Image**

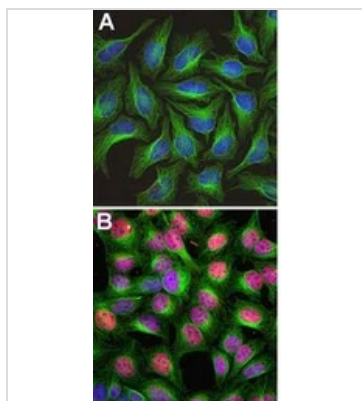
IHC (Free Floating) analysis of Mouse hippocampus (C) or olfactory bulb (D) tissue sections using GTX03375 c-Fos antibody. The c-FOS antibody stains only nuclei of spontaneously active neurons. NF-L is expressed in axons of neuronal cells.

Red : Primary antibody

Green : NF-L

Blue : Hoechst staining of nuclear DNA

Dilution : 1:10000


**GTX03375 ICC/IF Image**

ICC/IF analysis of HeLa cells were treated with PBS (A) or stimulated with 20% FBS (B) for 30 min after serum starvation for 36hr using GTX03375 c-Fos antibody. c-FOS antibody labels only the nuclei of stimulated cells.

Red : Primary antibody

Green : Tubulin

Blue : DAPI

Dilution : 1:2000



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