

## c-Fos Mouse Monoclonal Antibody

### Catalog #: EAB10521

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Mouse IgG1	Monoclonal	WB, IP, IHC-P, IF	41	Human, Mouse, Rat

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>WB</b> (Western Blotting)	1:1000-5000
<b>IP</b> (Immunoprecipitation)	1:100-500
<b>IHC-P</b> (Immunohistochemistry-Paraffin)	1:100-500
<b>IF</b> (Immunofluorescence)	1:50-300

### Product Information

<b>Conjugate</b>	Unconjugate
<b>Specificity</b>	c-Fos Mouse Monoclonal Antibody detects endogenous levels of c-Fos protein.
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1mg/ml
<b>Format</b>	Liquid
<b>Formulation</b>	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
<b>Shipping</b>	Gel Pack
<b>Storage</b>	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
<b>UniProt ID</b>	<a href="#">P01100</a>
<b>Entrez-Gene Id</b>	<a href="#">2353</a>

### Product Description

The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. c-Fos is a proto-oncogene that is the human homolog of the retroviral oncogene v-fos. c-fos is 380 amino acid protein with a basic leucine zipper region for dimerisation and DNA-binding and a transactivation domain at C-terminus.

**For Reserch Use Only. Not For Use In Diagnostic Procedures**