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**Product Name: c-Fos (7D6) Mouse Monoclonal Antibody****Catalog #: AMM03511**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human,Rat,Monkey
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 41 kDa; Observed MW: 62 kDa

**Antigen Information**

<b>Gene Name</b>	FOS
<b>Alternative Names</b>	FOS; G0S7; Proto-oncogene c-Fos; Cellular oncogene fos; G0/G1 switch regulatory protein 7
<b>Gene ID</b>	2353
<b>SwissProt ID</b>	P01100
<b>Immunogen</b>	A synthetic peptide of human c-Fos

**Background**

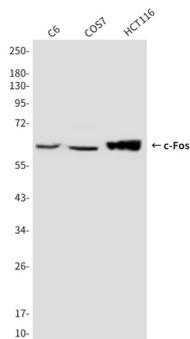
Fos a proto-oncogenic transcription factor of the bZIP family. Dimerizes with proteins of the JUN family, thereby forming the transcription factor complex AP-1. FOS proteins function as regulators of cell proliferation, differentiation, and transformation.

In some cases, expression of FOS has also been associated with apoptotic cell death. Expression increases upon a variety of stimuli, including growth factors, cytokines, neurotransmitters, polypeptide hormones, stress and cell injury.

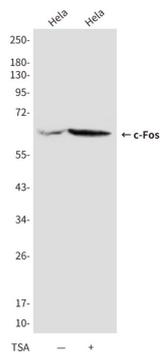
## Research Area

Neuroscience

## Image Data



Western blot analysis of c-Fos in HCT116, COS7 and C6 lysates using c-Fos antibody.



Western blot analysis of c-Fos (7D6) in HeLa(TSA treated) and HeLa lysates using c-Fos antibody.