c-Fos Monoclonal Antibody

catalog number: **E-AB-70204**

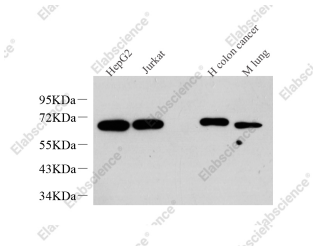
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse c-FOS
Host	Mouse
Isotype	Mouse IgG
Clone	4B4F11
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:500-1:2000
IF	1:200-1:1000

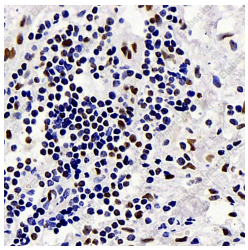
Data



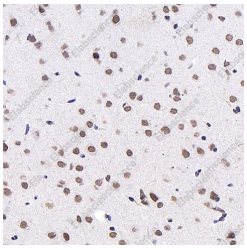
Western Blot analysis of various samples using c-Fos Monoclonal Antibody at dilution of 1:1000.

Observed-MW:62 kDa

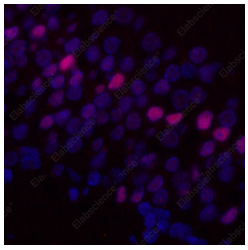
Calculated-MW:62 kDa



Immunohistochemistry analysis of paraffin-embedded human gallbladder using c-Fos Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded mouse brain using c-Fos Monoclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of paraffin-embedded rat brain using c-Fos Monoclonal Antibody at dilution of 1:400.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
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Web: www.elabscience.com
Email: techsupport@elabscience.com

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.

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