# c-Fos Monoclonal Antibody

Catalog Number: E-AB-22158



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

## **Description**

**Reactivity** Human,Mouse,Rat **Immunogen** Recombinant Protein

Host Mouse Isotype IgG

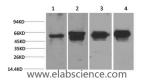
**Purification** Protein A purification

**Formulation** PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

# **Applications** Recommended Dilution

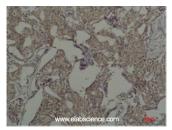
WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:40000

#### Data



Western Blot analysis of 1) Hela, 2) 293T, 3) Mouse brain, 4) Rat brain using c-Fos Monoclonal Antibody at dilution of 1:2000.

Observed Mw:62kDa



Immunohistochemistry of paraffin-embedded Human breast carcinoma tissue using c-Fos Monoclonal Antibody at dilution of 1:200.

# Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## **Background**

Nuclear phosphoprotein which forms a tight but non-covalently linked complex with the JUN/AP-1 transcription factor. In the heterodimer, FOS and JUN/AP-1 basic regions each seems to interact with symmetrical DNA half sites. On TGF-beta activation, forms a multimeric SMAD3/SMAD4/JUN/FOS complex at the AP1/SMAD-binding site to regulate TGF-beta-mediated signaling. Has a critical function in regulating the Has a critical function in regulating the development of cells destined to form and maintain the skeleton. It is thought to have an important role in signal transduction, cell proliferation and differentiation.

# For Research Use Only

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