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c-Fos Monoclonal Antibody

Cat #: G-AB-05636

Host: Mouse **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Monoclonal

Overview:
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.

Gene ID:

Accession #:

Immunogen: Recombinant Protein

Conjugation: Unconjugated

Swissprot: P01100

Calculated Molecular Weight:

Observed Molecular Weight: 62 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Purification Method: Protein A purification

Application: WB,IHC-p

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

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