

Product Datasheet

c-Fos (7D6) Mouse mAb

Catalog No: AB3483

Reactivity: Human,Rat,Monkey

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: P01100

All Names: FOS; G0S7; Proto-oncogene c-Fos; Cellular oncogene fos; G0/G1 switch regulatory protein 7

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

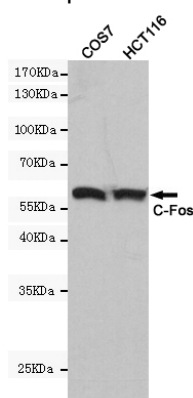
Molecular Wt.: 62kDa

Application

WB: 1/500-1/1000

Background

Swiss-Prot Acc.P01100.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 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.In growing cells,activates phospholipid synthesis,possibly by activating CDS1 and PI4K2A.This activity requires Tyr-dephosphorylation and association with the endoplasmic reticulum.



Western blot analysis of cFos in HCT116 and COS7 lysates using cFos antibody.

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