Product Datasheet

c-Fos Monoclonal Antibody

Catalog No: #27217

Package Size: #27217-1 50ul #27217-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

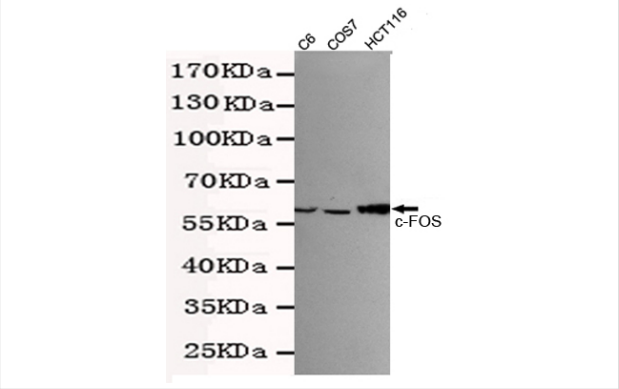
Description

Product Name	c-Fos Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	7D6-A9-D4
Isotype	IgG1
Purification	Affinity purified
Applications	WB
Species Reactivity	Hu Rt Mk
Specificity	This antibody detects endogenous levels of FOS and does not cross-react with related proteins.
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human FOS protein fragments expressed in E.coli.
Conjugates	Unconjugated
Target Name	c-Fos
Other Names	Activator protein 1; AP 1; Cellular oncogene c fos; Cellular oncogene fos; FBJ murine osteosarcoma viral (v fos) oncogene homolog (oncogene FOS); FBJ murine osteosarcoma viral v fos oncogene homolog; FBJ Osteosarcoma Virus; FOS; FOS protein; FOS_HUMAN;
Accession No.	Uniprot: P01100 Gene ID: 2353
SDS-PAGE MW	62kd
Formulation	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Storage	store at -20Λ C

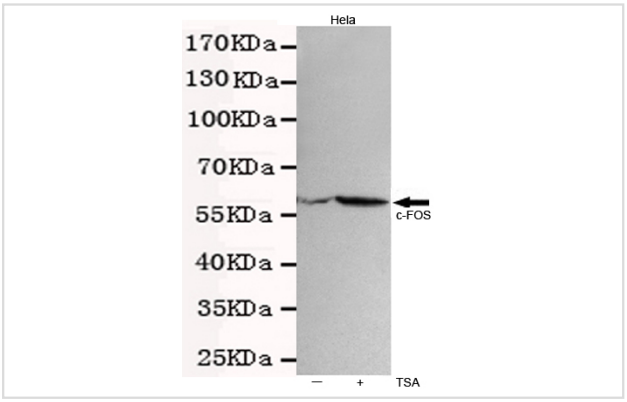
Application Details

Western blotting: 1:500

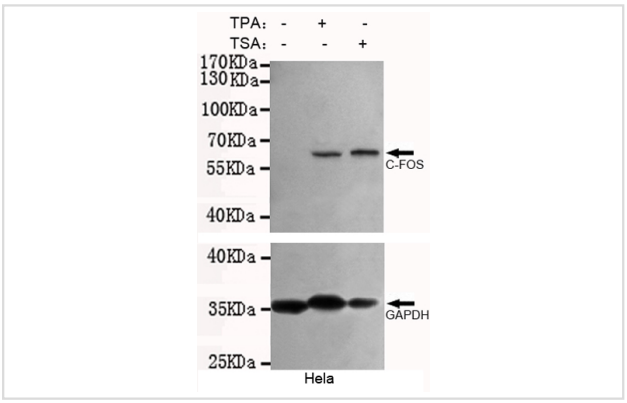
Images



Western blot detection of c-Fos antibody in HCT116,COS7 and C6 cell lysates using c-Fos antibody (1oO 500 diluted).Predicted band size:62KDa.Observed band size:62KDa.



Western blot detection of c-Fos antibody in Hela(TSA treated) and Hela cell lysates using c-Fos antibody (1:500 diluted).Predicted band size:62KDa.Observed band size:62KDa.



Western blot analysis of extracts from Hela cells,untreated,50 ΞOM TSA-treated or 50 ΞOM TPA-treated for 24h,using C-FOS antibody (1:500 diluted)(upper) or GAPDH antibody (1:10000 diluted) (lower).

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 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.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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.