

Mouse c-Fos Monoclonal Antibody | anti-c-Fos antibody

c-Fos Monoclonal Antibody

CATALOG # AAA300868	HOST Mouse	REACTIVITY Human, Rat, Monkey	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

c-Fos; Monoclonal Antibody; c-Fos Monoclonal Antibody; 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; anti-c-Fos antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Monkey
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7D6-A9-D4
Specificity	This antibody detects endogenous levels of FOS and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Sequence Length	380
Applicable Applications for anti-c-Fos antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human FOS protein fragments expressed in E Coli.
Target Name	c-Fos
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

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



WB (Western Blot)

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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-c-Fos antibody	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.
Product Categories/Family for anti-c-Fos antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885241
NCBI GeneID	2353
NCBI Accession #	NP_005243.1
NCBI GenBank Nucleotide #	NM_005252.3
UniProt Accession #	P01100; P18849; A8K4E2; B4DQ65
Molecular Weight	62kd
NCBI Official Full Name	proto-oncogene c-Fos
NCBI Official Synonym Full Names	FBJ murine osteosarcoma viral oncogene homolog
NCBI Official Symbol	FOS
NCBI Official Synonym Symbols	p55; AP-1; C-FOS
NCBI Protein Information	proto-oncogene c-Fos
UniProt Protein Name	Proto-oncogene c-Fos
UniProt Gene Name	FOS
UniProt Synonym Gene Names	G0S7
UniProt Entry Name	FOS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.