

À des fins de recherche uniquement

Anticorps Monoclonal anti-c-Fos

Numéro de catalogue: **CL488-66590** **Phare**



Informations de base

Numéro de catalogue:	CL488-66590	Numéro d'acquisition GenBank:	BC004490	Méthode de purification:	Purification par protéine G
Taille:	100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	2353	CloneNo.:	1G2C5
Hôte:	Mouse	Nom complet:	FOS	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
Isotype:	IgG1	MW calculé:	41 kDa		
Immunogen Catalog Number:	AG24340	MW observés:	55-60 kDa		

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain, rat, souris

Informations générales

c-FOS, also named as Proto-oncogene c-Fos and G0/G1 switch regulatory protein 7, is a 380 amino acid protein, which contains 1 bZIP (basic-leucine zipper) domain and belongs to the bZIP family. FOS is expressed at very low levels in quiescent cells. When cells are stimulated to reenter growth, FOS undergo 2 waves of expression, the first one peaks 7.5 minutes following FBS induction. At this stage, the FOS protein is localized endoplasmic reticulum. The second wave of expression occurs at about 20 minutes after induction and peaks at 1 hour. At this stage, the FOS protein becomes nuclear. The calculated molecular weight of FOS is 40 kDa, but Phosphorylated FOS protein is about 60-65 kDa. It is involved in important cellular events, including cell proliferation, differentiation and survival; genes associated with hypoxia; and angiogenesis; which makes its dysregulation an important factor for cancer development. It can also induce a loss of cell polarity and epithelial-mesenchymal transition, leading to invasive and metastatic growth in mammary epithelial cells. Expression of c-fos is an indirect marker of neuronal activity because c-fos is often expressed when neurons fire action potentials. Upregulation of c-fos mRNA in a neuron indicates recent activity

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA**

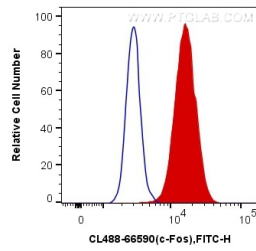
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human c-Fos (CL488-66590, Clone:1G2C5) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).