

c-Fos Rabbit mAb

Catalog No: #49310



Package Size: #49310-1 50ul #49310-2 100ul

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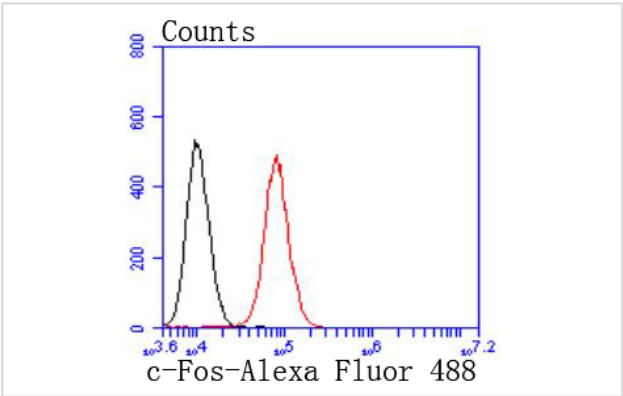
Description

Product Name	c-Fos Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JJ0938
Purification	ProA affinity purified
Applications	WB, FC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	Activator protein 1 antibody AP 1 antibody C FOS antibody Cellular oncogene c fos antibody Cellular oncogene fos antibody FBJ murine osteosarcoma viral (v fos) oncogene homolog (oncogene FOS) antibody FBJ murine osteosarcoma viral oncogene homolog antibody FBJ murine osteosarcoma viral v fos oncogene homolog antibody FBJ Osteosarcoma Virus antibody FOS antibody FOS protein antibody FOS_HUMAN antibody G0 G1 switch regulatory protein 7 antibody G0/G1 switch regulatory protein 7 antibody G0S7 antibody Oncogene FOS antibody p55 antibody proto oncogene c Fos antibody Proto oncogene protein c fos antibody Proto-oncogene c-Fos antibody v fos FBJ murine osteosarcoma viral oncogene homolog antibody
Accession No.	Swiss-Prot#:P01100
Calculated MW	62 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000FC: 1:50-1:100

Images



Flow cytometric analysis of NIH/3T3 cells with c-Fos antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

The c-Fos oncogene was initially detected in two independent murine osteosarcoma virus isolates and an avian nephroblastoma virus. The cellular homolog, c-Fos, encodes a nuclear phospho-protein that is rapidly and transiently induced by a variety of agents and functions as a transcriptional regulator for several genes. In contrast to c-Jun proteins, which form homo- and heterodimers which bind to specific DNA response elements, c-Fos proteins are only active as heterodimers with members of the Jun gene family. Functional homologs of c-Fos include the Fra-1, Fra-2 and Fos B genes. In addition, selected ATF/CREB family members can form leucine zipper dimers with Fos and Jun. Different dimers exhibit differential specificity and affinity for AP-1 and CRE sites.

References

1. Dantas-Ferreira, R.F. et al. 2015. Food-anticipatory activity in Syrian hamsters: behavioral and molecular responses in the hypothalamus according to photoperiodic conditions. PloS one. 10: e0126519.
2. Zhang, J. et al. 2015. Effect of BioAggregate on Receptor Activator of Nuclear Factor-Kappa B Ligand-induced Osteoclastogenesis from Murine Macrophage Cell Line In Vitro. Journal of endodontics. 41: 1265-71.

Published Papers

et al., Curcumin induces apoptosis and inhibits the growth of adrenocortical carcinoma: Identification of potential candidate genes and pathways by transcriptome analysis. In Oncol Lett on 2021 Jun by Xuemei Huang, Chunfeng Liang, et al.. PMID:33907586, , (2021)

[PMID:33907586](#)

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