

c-Fos Rabbit mAb

Catalog No: #49310



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

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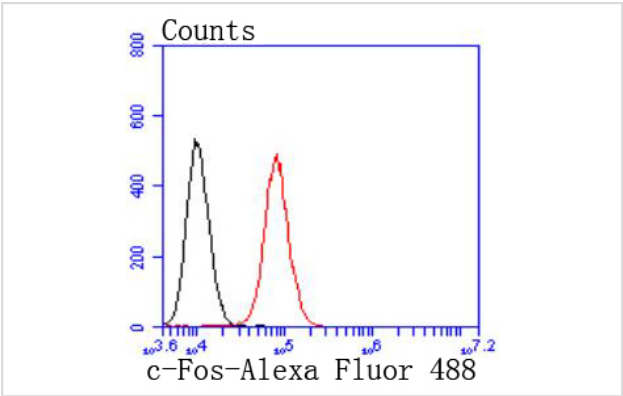
Description

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	Hu, Ms, Rt
Immunogen Description	recombinant protein
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.