

Product Datasheet

Anti-c-FOS Antibody Antibody FL490 Conjugate



Overview

Catalog #	75-506-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone Number	N486/32
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 1-377 (full-length) of human FOS (accession number P01100) produced recombinantly in E. Coli
Molecular Weight	50 kDa
Cite this Antibody	Antibodies Inc Cat# 75-506-FL490, RRID: AB_2940684

Details

Target Description	C-fos belongs the Fos family. Other members include FosB, Fra-1, Fra-2. c-fos binds to JUN/AP1 transcription factor. C-Fos is expressed in placental tissue, fetal liver, developing bone, developing central nervous system, and adult bone marrow. It is expressed in the nucleus and in the endoplasmic reticulum. c-Fos is has a role in signal transduction, cell proliferation, differentiation, and apoptosis. C-Fos is overexpressed in many cancers.
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when tested by Western Blot.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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