Datasheet for ABIN931043

anti-c-FOS antibody

2 Images

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Overview

Quantity:	100 µg
Target:	c-FOS (c-Fos)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This c-FOS antibody is un-conjugated
Application:	Dot Blot (DB), Immunocytochemistry (ICC)

Product Details

Immunogen:	FOS antibody was raised in mouse using recombinant Human V-Fos Fbj Murine Osteosarcoma Viral Oncogene Homolog
Clone:	554C1a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	c-FOS (c-Fos)
Alternative Name:	FOS (c-Fos Products)

Target Details

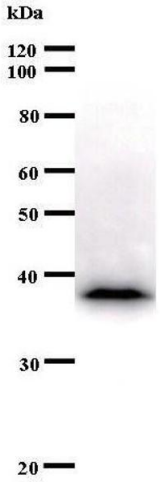
Background:	The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. Synonyms: Monoclonal FOS antibody, Anti-FOS antibody, FBJ murine osteosarcoma viral oncogene homolog antibody, c-fos antibody.
Pathways:	S100 Proteins

Application Details

Application Notes:	ICC: 2-100 µg/mL Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

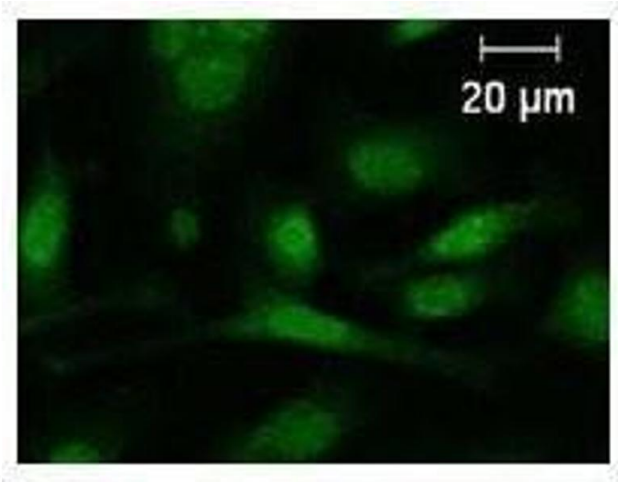
Handling

Concentration:	Lot specific
Buffer:	FOS antibody in PBS (3.0 mM KCl, 1.5 mM KH2 PO4 , 140 mM NaCl, 8.0 mM Na2 HPO4 (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN3).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.



Immunofluorescence

Image 2. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-FOS antibody.