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Datasheet for ABIN969150

## anti-c-FOS antibody

6 Images

2 Publications

### Overview

Quantity:	100 µL
Target:	c-FOS (c-Fos)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

### Product Details

Immunogen:	Purified recombinant fragment of human FOS expressed in E. coli.
Clone:	2G2
Isotype:	IgG1
Purification:	purified

### Target Details

Target:	c-FOS (c-Fos)
Alternative Name:	FOS ( <a href="#">c-Fos Products</a> )
Background:	Description: 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.

## Target Details

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Aliases: p55, AP-1, C-FOS

Molecular Weight: 40.7 kDa

Gene ID: 2353

HGNC: 2353

Pathways: [S100 Proteins](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

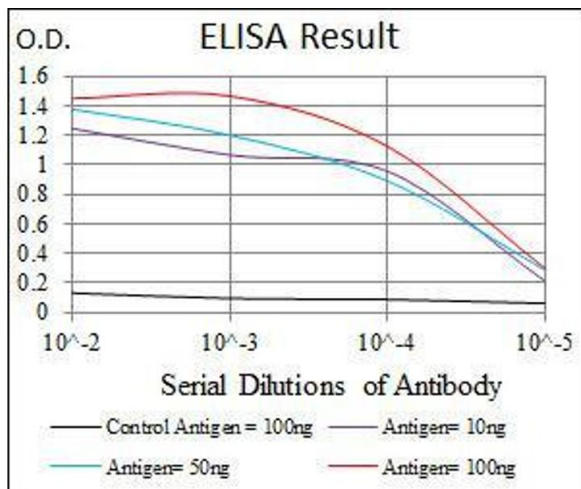
Storage Comment: 4°C, -20°C for long term storage

## Publications

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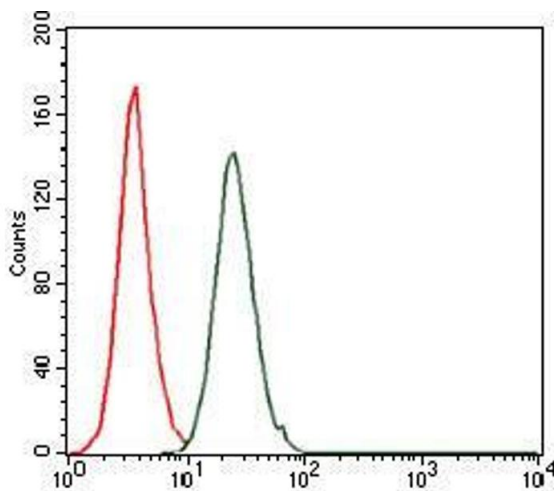
Product cited in: Toka, Dunaway, Smaltz, Szulc-Dąbrowska, Drnevich, Mielcarska, Bossowska-Nowicka, Schweizer: "Bacterial and viral pathogen-associated molecular patterns induce divergent early transcriptomic landscapes in a bovine macrophage cell line." in: **BMC genomics**, Vol. 20, Issue 1, pp. 15, (2019) ([PubMed](#)).

Murakami, Maeda, Yonezawa, Matsuki: "CC chemokine ligand 2 and CXC chemokine ligand 8 as neutrophil chemoattractant factors in canine idiopathic polyarthritis." in: **Veterinary immunology and immunopathology**, Vol. 182, pp. 52-58, (2016) ([PubMed](#)).



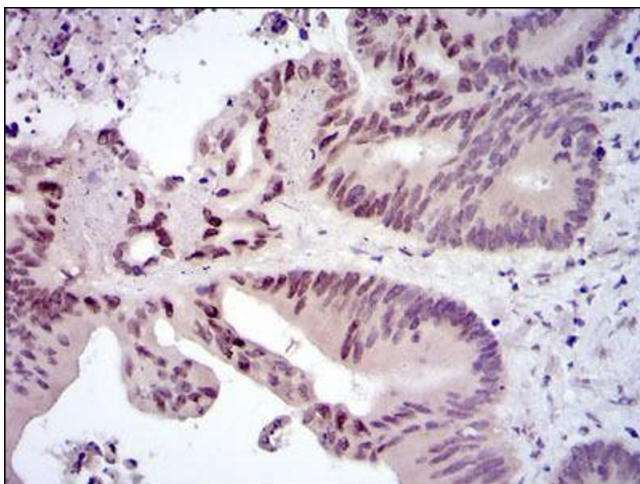
### ELISA

**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



### Flow Cytometry

**Image 2.** Flow cytometric analysis of HeLa cells using FOS mouse mAb (green) and negative control (red).



### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffin-embedded colon cancer tissues using FOS mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN969150.