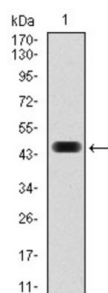
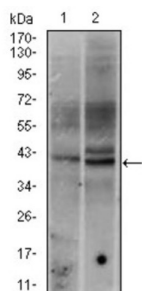


Proto-Oncogene C-Fos (FOS) Antibody

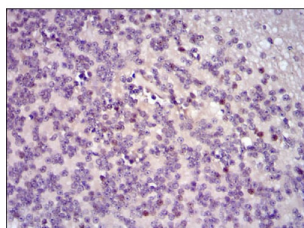
Catalogue No.: abx011653



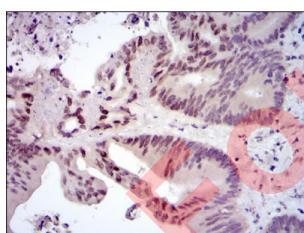
Western blot analysis using FOS antibody against human FOS (AA: 116-298) recombinant protein. (Expected MW is 45.8 kDa).



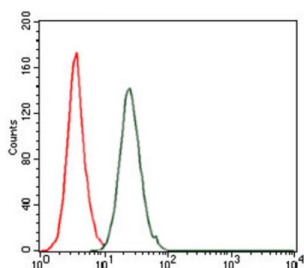
Western blot analysis using FOS antibody against HeLa (1), and HeLa (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded colon cancer tissues using FOS antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded cerebellum tissues using FOS antibody with DAB staining.

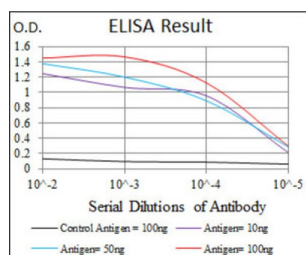


Flow cytometric analysis of HeLa cells using FOS antibody (green) and negative control (red).

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Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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: Proto-Oncogene C-Fos (FOS)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC, FCM

Host: Mouse

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human FOS expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P01100 ([UniProt](#), [ExPASy](#))

Gene Symbol: FOS

GeneID: [2353](#)

Datasheet

Version: 3.0.0
Revision date: 21 Jul 2025



OMIM: [164810](#)

HGNC: 3796

KEGG: hsa:2353

Ensembl: ENSG00000170345

String: [9606.ENSP00000306245](#)

Molecular Weight: 40.7 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only