

FOS Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3424
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human FOS expressed in E. Coli.
Mol wt	40.7kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	p55;AP-1;C-FOS

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1:500 - 1:2000

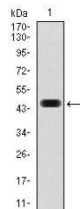
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

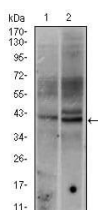
ELISA: 1:10000

Not yet tested in other applications.

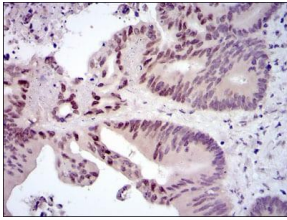
Images



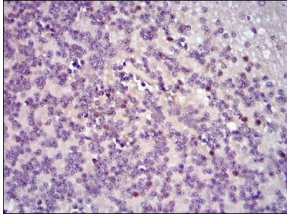
Western blot analysis using FOS mAb against human FOS (AA: 116-298) recombinant protein.
(Expected MW is 45.8 kDa)



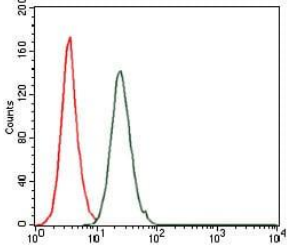
Western blot analysis using FOS mouse mAb against HeLa (1), and HeLa (2) cell lysate.



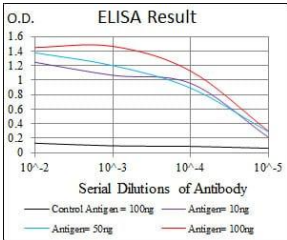
Immunohistochemical analysis of paraffin-embedded colon cancer tissues using FOS mouse mAb with DAB staining.



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



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



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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