

Basic Information

Product Name	Anti-c-Fos/FOS Antibody (Clone#OTI2D2)
Gene Name	FOS
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human, mouse, rat
Tested Application	IHC
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human FOS (NP_005243) produced in E.coli.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	40.5KD
Dilution Ratios	Immunohistochemistry (IHC):1:250

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

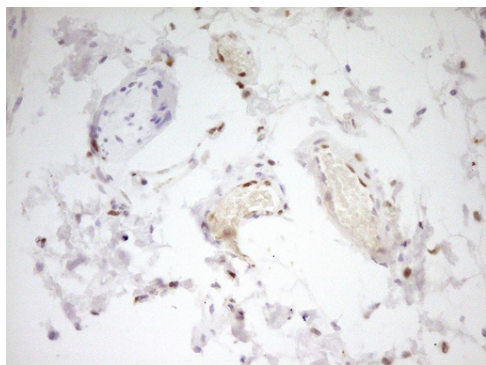
Background Information

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. [provided by RefSeq, Jul 2008]

Reference

Anti-c-Fos/FOS Antibody (Clone#OTI2D2)被引用在1文献中。

Selected Validation Data



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-FOS mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, M00297-6)