Product datasheet

Anti-FOSL1 Antibody (Clone#OTI12F9)

Catalog Number: *MA03927*

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Basic Information

Product Name	Anti-FOSL1 Antibody (Clone#OTI12F9)
Gene Name	FOSL1
Source	Mouse
Isotype	IgG2b
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full-length protein expressed in 293T cell transfected with human FOSL1 expression vector
concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	29.4KD
Dilution Ratios	Western blot (WB): 1:2000 Immunohistochemistry in paraffin section (IHC):1:50

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.

Selected Validation Data

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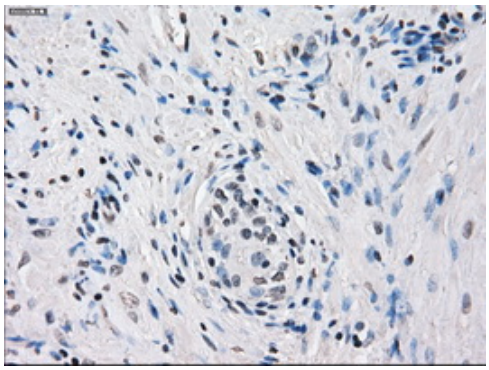

Figure 1. Immunohistochemical staining of paraffin-embedded prostate tissue within the normal limits using anti-FOSL1mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, MA03927, Dilution 1:50)