SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human fosl1 Antibody

Cat. No.: **MOM-18364**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human FOSL1, expressed in Chinese Hamster Ovary cells(CHO)

Antigen 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.

Specific Activity

Tested positive against native antigen.

Target

FOSL1

Immunogen

Protein expressed in 293T cell transfected with Human FRA1 expression vector.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by Analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in IF, IP, Neut and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

FOSL1 FOS-like antigen 1 [Homo sapiens]

Official Symbol

FOSL1

Synonyms

FOSL1; FOS-like antigen 1; fos-related antigen 1; fra 1; FOS-like antigen-1; FRA; FRA1; fra-1

Gene ID

8061

mRNA Refseq

NM_005438

Protein Refseq

NP_005429

MIM

136515

UniProt ID

P15407

Chromosome Location

11q13

Pathway

Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem; Calcium signaling in the CD4+ TCR pathway, organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Osteoclast differentiation, organism-specific biosystem;

Function

protein binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com