

**anti-c-Fos**

Cat #: HM1155  
Mouse monoclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

The c-Fos is a cellular homolog of Fos oncogene that was detected in murine osteosarcoma virus and an avian nephroblastoma virus. It is a 62 kDa nuclear phosphoprotein that is rapidly and transiently induced by a variety of agents and functions as a transcriptional regulator for several genes. c-Fos family also include Fra-1, Fra-2 and Fos B. They are 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.

**SPECIFICITY**

This antibody reacts with c-Fos, Fos B, Fra-1 and Fra-2 of mouse, rat, and human origin by Western blotting, immunoprecipitation, immunohistochemistry (including paraffin-embedded sections).

Molecular Weight of c-Fos: 55-62 kDa. Western blotting positive control: phorbol ester treated Jurkat cell lysate.

**IMMUNOGEN**

A peptide within a highly conserved domain of human c-Fos p62.

**STORAGE**

This antibody is stable for 12 months when stored at 2-8°C.

**REFERENCES**

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