

## Datasheet

### FOS monoclonal antibody (M62), clone 4D5

**Catalog Number:** H00002353-M62

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant FOS.

**Clone Name:** 4D5

**Immunogen:** FOS (NP\_005243.1, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MMFSGFNADYEASSSRCSSASPAGDSLSEYHSPADS  
FSSMGSPVNAQDFCTDLAVSSANFIPTVTAISTSPDLQ  
WLVQPALVSSVAPSQTRAPHFPGVPA

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2353

**Gene Symbol:** FOS

**Gene Alias:** AP-1, C-FOS

**Gene Summary:** 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]