# Anti-c-Fos Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

Catalog # M016229

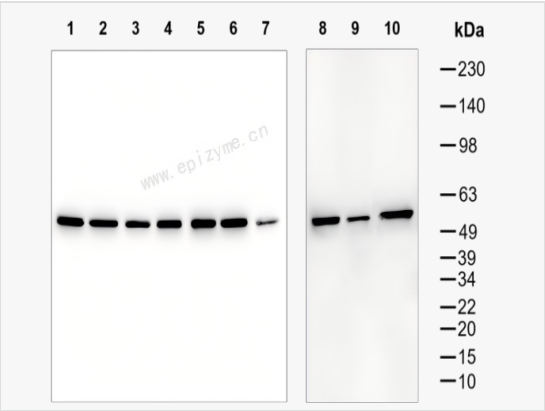
## Product Information

| | |
|---|---|
| Application | WB, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:1,000~1:2,000 |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone No. | 30J21E66 |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant full length protein corresponding to human FOS |
| Format | Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-c-Fos Mouse mAb [30J21E66] is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

| | |
|---|---|
| Synonyms | G0S7; FOS; Protein c-Fos; Cellular oncogene fos; G0/G1 switch regulatory protein 7; Proto-oncogene c-Fos; Transcription factor AP-1 subunit c-Fos. |
| Calculated MW | Calculated MW: 41 kDa; Observed MW: 55~60 kDa |
| Uniprot ID | P01100 |
| Gene ID | 2353 |
| Background | 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] |
| Cellular Location | Nucleus. Endoplasmic reticulum. Cytoplasm, cytosol. Note: In quiescent cells, present in very small amounts in the cytosol. Following induction of cell growth, first localizes to the endoplasmic reticulum and only later to the nucleus. Localization at the endoplasmic reticulum requires dephosphorylation at Tyr-10 and Tyr-30. |

## Validation Images




Western Blot - Anti-c-Fos Mouse mAb [30J21E66]
All lanes: M016229 at 1:2,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: Ball-1 (Human B lymphocyte acute leukemia cell) whole cell lysates
Lane 3: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 4: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 5: 293T (Human embryonic kidney cell) whole cell lysates
Lane 6: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lane 7: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lane 8: Mouse brain whole tissue lysates
Lane 9: Mouse liver whole tissue lysates
Lane 10: Rat brain whole tissue lysates
Secondary antibody: Goat Anti-Mouse IgG (H+L), HRP Conjugated (Cat. No. LF101) at 1:5,000 dilution
Lysates/proteins at 10 µg per lane.
Predicted band size: 41 kDa
Observed band size: 55~60 kDa
Developed using the ECL technique (Cat. No. SQ201).