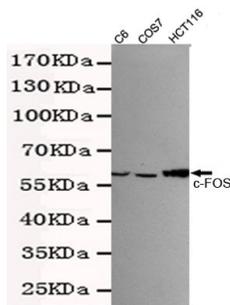




c-Fos

Mouse monoclonal Antibody

#53347

**Catalog Number:** 53347**Amount:** 100µg/100µl**Swiss-Prot No. :** P01100**Gene name:** cfos**Gene id:** 2353**Clone Number:** 7D6-A9-D4**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human c-Fos protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of c-Fos and does not cross-react with related proteins**Reactivity:** Human, Rat, Monkey**Applications:** Predicted MW: 62kd WB: 1:500

Western blot detection of c-Fos in HCT116, COS7 and C6 cell lysates using c-Fos mouse mAb (1:500 diluted). Predicted band size: 62KDa. Observed band size: 62KDa.

**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.