



## Fatty Acid Synthase

Mouse monoclonal Antibody

#53816

**Catalog Number:** 53816

**Amount:** 100µg/100µl

**Swiss-Prot No. :** P49327

**Gene name:** fasn

**Gene id:** 2194

**Clone Number:** 2F9-B2-B6

**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

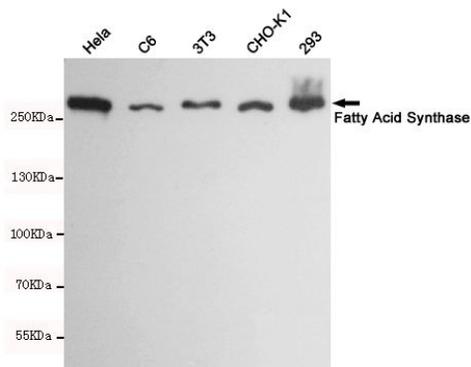
**Immunogen:** Purified recombinant human Fatty Acid Synthase protein fragments expressed in E.coli

**Purification:** affinity-chromatography

**Specificity/Sensitivity:** This antibody detects endogenous levels of Fatty Acid Synthase and does not cross-react with related proteins

**Reactivity:** Human, Human, Mouse, Rat, Monkey

**Applications:** Predicted MW: 273kd WB: 1:1000 ICC:1:400



Western blot detection of Fatty Acid Synthase in HeLa, C6, 3T3, CHO-K1 and 293 cell lysates using Fatty Acid Synthase mouse mAb (dilution 1:1000). Predicted band size: 273kDa. Observed band size: 273kDa.

### Background:

The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids.