



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

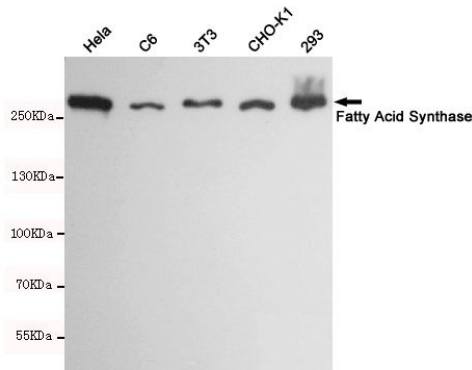
Immunogen: Purified recombinant human Fatty Acid Synthase protein fragments expressed in E.coli

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.