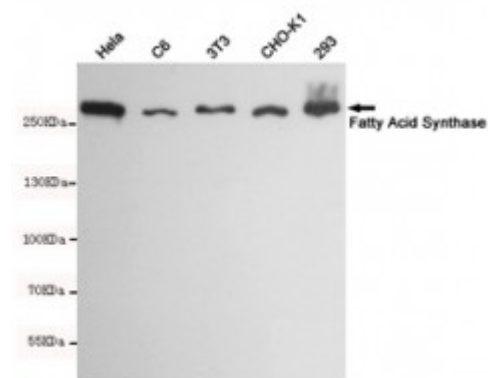


Anti-Fatty Acid Synthase antibody



Description	Mouse monoclonal to Fatty Acid Synthase.
Model	STJ99046
Host	Mouse
Reactivity	Human, Mouse, Rat, Simian
Applications	ELISA, WB
Immunogen	Purified recombinant human Fatty Acid Synthase protein fragments expressed in E.coli.
Gene ID	2194
Gene Symbol	FASN
Dilution range	WB 1:500-2000ELISA 1:10000-20000
Specificity	This antibody detects endogenous levels of Fatty Acid Synthase and does not cross-react with related proteins.
Tissue Specificity	Ubiquitous. Prominent expression in brain, lung, and liver.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clone ID	2F9-B2-B6
Note	For Research Use Only (RUO).
Protein Name	Fatty acid synthase Includes: Acyl-carrier-protein S-acetyltransferase Acyl-carrier-protein S-malonyltransferase 3-oxoacyl- acyl-carrier-protein synthase 3-oxoacyl- acyl-carrier-protein reductase 3-hy

Molecular Weight	273kDa
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG2a
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3594OMIM:600212
Alternative Names	Fatty acid synthase Includes: Acyl-carrier-protein S-acetyltransferase Acyl-carrier-protein S-malonyltransferase 3-oxoacyl- acyl-carrier-protein synthase 3-oxoacyl- acyl-carrier-protein reductase 3-hy
Function	Fatty acid synthetase catalyzes the formation of long-chain fatty acids from acetyl-CoA, malonyl-CoA and NADPH. This multifunctional protein has 7 catalytic activities and an acyl carrier protein.
Cellular Localization	Cytoplasm Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com