

Anti-Fatty Acid Synthase Mouse mAb

Purified Mouse Monoclonal Antibody

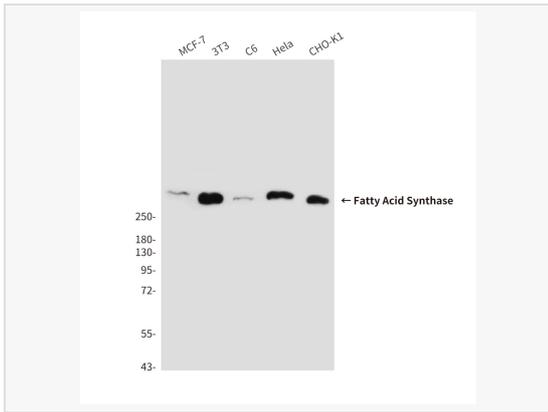
Catalog # M010861

Product Information

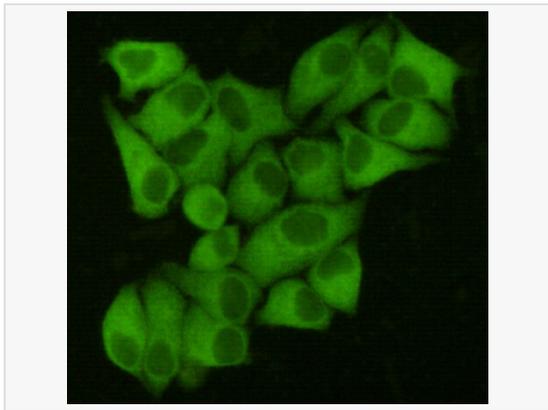
Application	IP, WB, ICC/IF (Cell), ELISA
Reactivity	Mouse (Cell), Rat, Monkey, Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Mouse
Clonality	Monoclonal
Clone No.	50K14L63
Isotype	IgG1
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Fatty Acid Synthase
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
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-Fatty Acid Synthase antibody [50K14L63] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

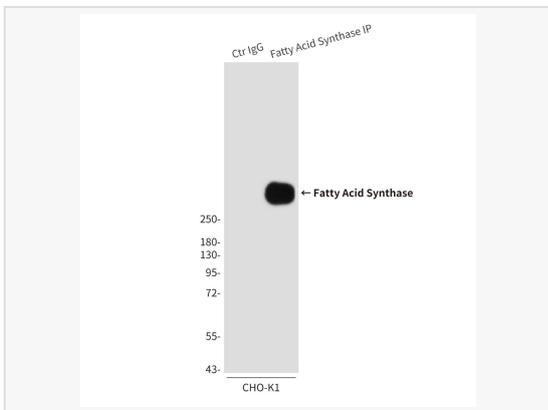
Synonyms	FASN, FAS, OA-519, SDR27X1.
Calculated MW	Calculated MW: 273 kDa; Observed MW: 273 kDa
Uniprot ID	P49327
Gene ID	2194
Background	Fatty acid synthase (FASN) catalyzes the synthesis of long-chain fatty acids from acetyl-CoA and malonyl-CoA. FASN is active as a homodimer with seven different catalytic activities and produces lipids in the liver for export to metabolically active tissues or storage in adipose tissue. In most other human tissues, FASN is minimally expressed since they rely on circulating fatty acids for new structural lipid synthesis.



Western blot analysis of Fatty Acid Synthase in HeLa, C6, 3T3, CHO-K1 and MCF-7 lysates using Fatty Acid Synthase antibody [50K14L63].



Immunocytochemistry analysis of Fatty Acid Synthase in HeLa using Fatty Acid Synthase antibody [50K14L63].



Immunoprecipitation analysis of Fatty Acid Synthase in CHO-K1 lysates using Fatty Acid Synthase antibody [50K14L63].