FASN Recombinant Antibody

RACO0299

Product Information

Size:

50ul

Reactivity:

Human

Source:

Homo sapiens (Human)

Isotype:

Rabbit IgG

Applications:

ELISA, IF, FC

Recommended dilutions:

IF:1:20-1:200, FC:1:20-1:200

Protein Background:

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.

Gene ID:

FASN

Uniprot

P49327

Synonyms:

Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase (EC 2.3.1.38), [Acyl-carrier-protein] S-malonyltransferase (EC 2.3.1.39), 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41), 3-oxoacyl-[acyl-carrier-protein] reductase (EC 1.1.1.100), 3-hydroxyacyl-[acyl-carrier-protein] dehydratase (EC 4.2.1.59)

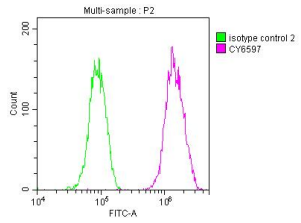
Immunogen:

A synthesized peptide derived from human FASN.

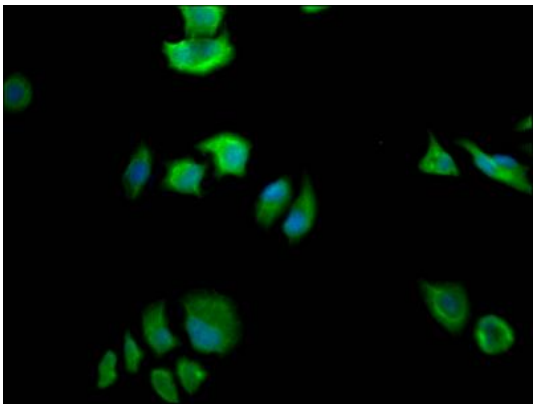
Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Overlay histogram showing A549 cells stained with RACO0299 (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followedby the antibody (1µg)1*106cells) for 1 h at 4°C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min)at 4°C. Control antibody (green line) was Rabbit IgG (1µg)1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



Immunofluorescence staining of Hela Cells with RACO0299 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).