

Product Datasheet

FASN Antibody (Center) (orb1939263)

Catalog Number	orb1939263
Category	Antibodies
Description	Mouse Monoclonal Antibody (Mab)
Target	FASN
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1, κ
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Immunogen	This FASN antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 942-973 amino acids from the Central region of human FASN. Antigen Region: 942-973 aa.
UniProt ID	P49327
MW	273427 Da
Tested applications	IF, WB
Dilution range	WB - 1:1000, IF - 1:25
Clone Number	B619EV37X4X7

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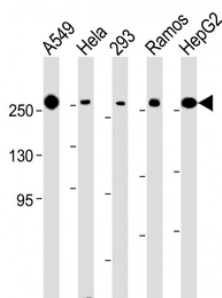
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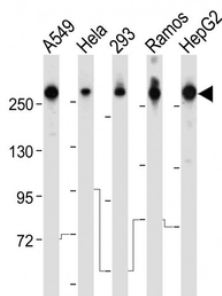
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_004095.4
Expiration Date	12 months from date of receipt.



All lanes: Anti-FASN Antibody (Center) at 1:500-1:2000 dilution. Lane 1: A549 whole cell lysate. Lane 2: HeLa whole cell lysate. Lane 3: 293 whole cell lysate. Lane 4: Ramos whole cell lysate. Lane 5: HepG2 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 273 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: Anti-FASN Antibody (Center) at 1:8000 dilution. Lane 1: A549 whole cell lysate. Lane 2: HeLa whole cell lysate. Lane 3: 293 whole cell lysate. Lane 4: Ramos whole cell lysate. Lane 5: HepG2 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 273 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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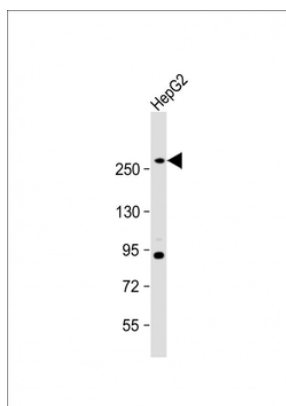
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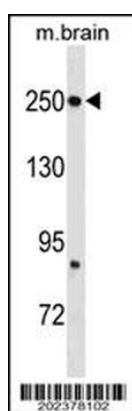
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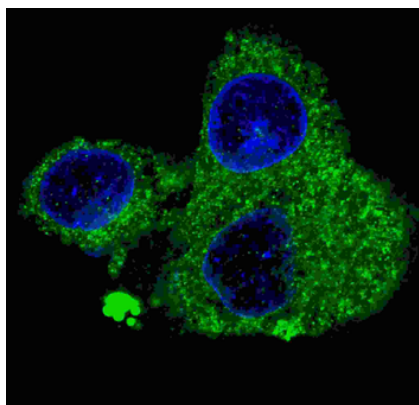
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Anti- at 1:1000 dilution + HepG2 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 273 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



FASN Antibody (Center) western blot analysis in mouse brain tissue lysates (35 µg/lane). This demonstrates the FASN (Center) antibody detected the FASN (Center) protein (arrow).



Fluorescent confocal image of HepG2 cells stained with FASN (Center) Antibody. HepG2 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with FASN primary antibody (1:200, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-mouse antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 µg/ml, 5 min).

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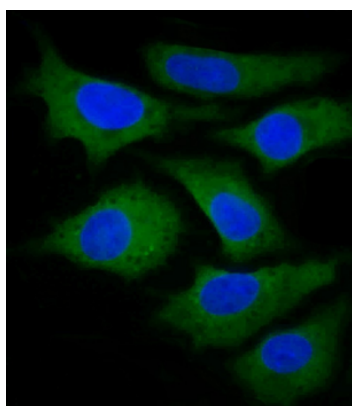
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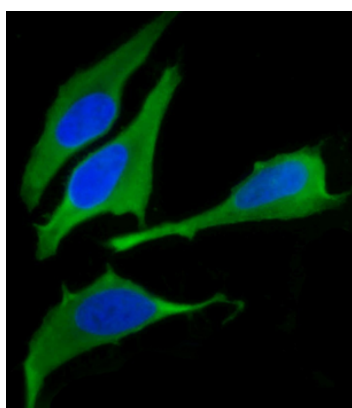
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Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HepG2 (human liver hepatocellular carcinoma cell line) cells labeling FASN at 1/25 dilution, followed by Dylight 488-conjugated goat anti-mouse IgG (35503) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm HepG2 cell line. The nuclear counter stain is DAPI (blue).



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS ((human cervical epithelial adenocarcinoma cell line) cells labeling FASN at 1/25 dilution, followed by Dylight 488-conjugated goat anti-mouse IgG (35503) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm Hela cell line. The nuclear counter stain is DAPI (blue).

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