

Recombinant FASN Monoclonal Antibody

catalog number: **AN301520L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

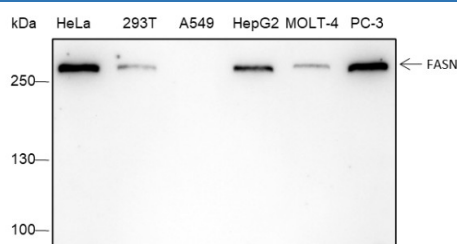
Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human FASN fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A219
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

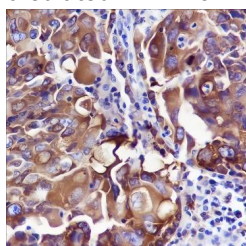
WB	1:500-1:2000
IHC	1:200-1:1000
FCM	1:50-1:100
IP	1:25-1:50

Data

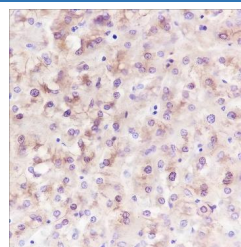
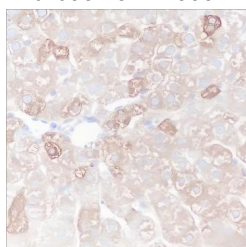


Western Blot with FASN Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa, Lane 2: 293T, Lane 3: A549, Lane 4: HepG2, Lane 5: MOLT-4, Lane 6: PC-3

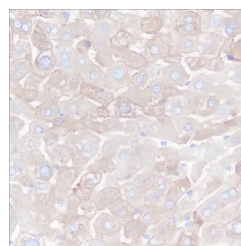
Observed-MW:260 kDa
Calculated-MW:273 kDa



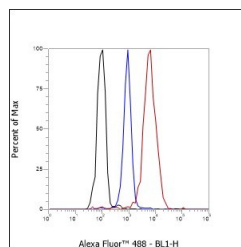
Immunohistochemistry of paraffin-embedded Human lung adenocarcinoma using FASN Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human liver using FASN Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse liver using FASN Monoclonal Antibody at dilution of 1:1000.



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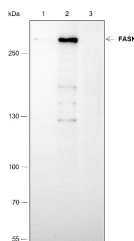
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Rev. V1.0

Immunohistochemistry of paraffin-embedded Rat liver using FASN Monoclonal Antibody at dilution of 1:1000.

Flow cytometric analysis of human FASN expression on A549 cells. Cells were stained with purified anti-Human FASN, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation analysis using anti-FASN Monoclonal Antibody. Western blot was performed from the immunoprecipitate using FASN Monoclonal Antibody at a dilution of 1:50. Lane 1: 5% Input, Lane 2: FASN Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:260 kDa

Calculated-MW:273 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Fatty acid synthetase is a multifunctional enzyme that catalyzes the de novo biosynthesis of long-chain saturated fatty acids starting from acetyl-CoA and malonyl-CoA in the presence of NADPH. This multifunctional protein contains 7 catalytic activities and a site for the binding of the prosthetic group 4'-phosphopantetheine of the acyl carrier protein ([ACP]) domain.

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