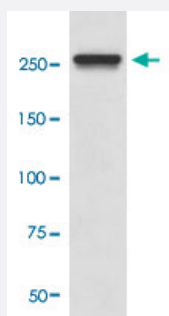


FASN monoclonal antibody, clone IIA-6

Catalog # MAB20034

Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of A549 cell lysate with FASN monoclonal antibody, clone IIA-6 (Cat # MAB20034).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human FASN.

Immunogen A synthetic peptide corresponding to human FASN.

Host Rabbit

Theoretical MW (kDa) 273.427

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Flow Cytometry (1:50)
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Immunoprecipitation (1:50)
- Western Blot (1:1000-1:2000)

The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of A549 cell lysate with FASN monoclonal antibody, clone IIA-6 (Cat # MAB20034).

- Immunohistochemistry
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

Gene Info — FASN

Entrez GeneID	2194
Protein Accession#	P49327
Gene Name	FASN
Gene Alias	FAS, MGC14367, MGC15706, OA-519, SDR27X1
Gene Description	fatty acid synthase
Omim ID	600212
Gene Ontology	Hyperlink

Gene Summary	The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estrogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-terminus of ER-alpha. [provided by RefSeq]
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Other Designationsshort chain dehydrogenase/reductase family 27X, member 1

Pathway

- [Fatty acid biosynthesis](#)
- [Insulin signaling pathway](#)
- [Metabolic pathways](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Obesity](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Weight Gain](#)