

## Datasheet

### FASN monoclonal antibody (M01A), clone 3F2-1F3

**Catalog Number:** H00002194-M01A

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full-length recombinant FASN.

**Clone Name:** 3F2-1F3

**Immunogen:** FASN (AAH07909, 1 a.a. ~ 439 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MSTNDTIVSGTLPQRMASCLEVLDFLNQPHMVLSSF  
VLAEKAAAYRDRDSQRDLVEAVAHILGIRDAAVNLDL  
SLADLGLDSLMSVEVRQTLERELNLVLSVREVRQLTLR  
KLQELSSKADEASELACPTPKEDGLAQQQTQLNLRSL  
LVNPEGPTLMRLNSVQSSERPLFLVHPIEGSTTVFHSL  
ASGLSIPTYGLQCTRAAPLDSIHSLAAYYIDCIRQVQPE  
GPYRVAGYSYGACVAFEMCSQLQAQQSPAPTHNSLF  
LFDGSPTYVLAYTQSYRAKLTPGCEAEAETEACFFVQ  
QFTDMEHNRVLEALLPLKGLEERVAAAVDLIIKSHQGL  
DRQELSFAARSFYYKLRAAEQYTPKAKYHGNVMLLRA  
KTGGAYGEDLGADYNLSQVCDGKVSVHVIEGDHRTLL  
EGSGLESIIIIHSSLAEPVSVREG

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Ce, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 Kappa

**Storage Buffer:** In ascites fluid

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2194

**Gene Symbol:** FASN

**Gene Alias:** FAS, MGC14367, MGC15706, OA-519, SDR27X1

**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]