

## Anti-Fatty Acid Synthase (6B9) Mouse Monoclonal Antibody

### Introduction

Fatty acid synthase (FASN) catalyzes the synthesis of long-chain fatty acids from acetyl-CoA and malonyl-CoA. FASN is active as a homodimer with seven different catalytic activities and produces lipids in the liver for export to metabolically active tissues or storage in adipose tissue. In most other human tissues, FASN is minimally expressed since they rely on circulating fatty acids for new structural lipid synthesis.

### Product parameters

|                    |                                                                                 |
|--------------------|---------------------------------------------------------------------------------|
| Alternative Names  | FASN; FAS; Fatty acid synthase                                                  |
| Gene ID            | 2194                                                                            |
| Gene Name          | FASN                                                                            |
| SwissProt ID       | P49327                                                                          |
| Host               | Mouse                                                                           |
| Reactivity         | Human, Mouse, Rat, Monkey                                                       |
| Molecular Weight   | Calculated MW: 273 kDa; Observed MW: 273 kDa                                    |
| Conjugation        | Unconjugated                                                                    |
| Ex                 | -                                                                               |
| Em                 | -                                                                               |
| Modification       | Unmodified                                                                      |
| Clonality          | IgG1                                                                            |
| Isotype            | Monoclonal Antibody                                                             |
| Clonality No.      | AP-1A3C11                                                                       |
| Form               | Liquid                                                                          |
| Concentration      | See label                                                                       |
| Carrier            | Carrier Not Free                                                                |
| Immunogen          | A synthesized peptide derived from human Fatty Acid Synthase                    |
| Purification       | Affinity Purified                                                               |
| Buffer System      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. |
| Application        | WB, ICC/IF, IP                                                                  |
| Dilution Ratio     | WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20                                        |
| Research Field     | Cardiovascular                                                                  |
| Product Categories | Primary antibody                                                                |

|                 |                                  |
|-----------------|----------------------------------|
| Shipping        | Blue ice                         |
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol



Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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