

**Product Name: Fatty Acid Synthase Rabbit Monoclonal Antibody****Catalog #: AMRe21309**

For research use only.

**Summary**

|                      |   |
|----------------------|---|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody                                      |
| <b>Host</b>          | Rabbit  |
| <b>Application</b>   | WB,IHC,ICC/IF,ELISA,IP  |
| <b>Reactivity</b>    | Human,Mouse,Rat   |
| <b>Conjugation</b>   | Unconjugated  |
| <b>Modification</b>  | Unmodified  |
| <b>Isotype</b>       | IgG,Kappa   |
| <b>Clonality</b>     | Monoclonal  |
| <b>Form</b>          | Liquid  |
| <b>Concentration</b> | 0.3mg/ml. The concentration of this product may be batch-dependent.         |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| <b>Shipping</b>      | Ice bags  |
| <b>Buffer</b>        | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein               |
| <b>Purification</b>  | Protein A   |

**Application**

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB 1:2000-1:10000,IHC 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200 |
| <b>Molecular Weight</b> | Calculated MW:273kD;Observed MW:273kD   |

**Antigen Information**

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | FASN   |
| <b>Alternative Names</b> | FASN;FAS;Fatty acid synthase                     |
| <b>Gene ID</b>           | 2194   |
| <b>SwissProt ID</b>      | P49327   |
| <b>Immunogen</b>         | A synthetic peptide of human Fatty Acid Synthase |

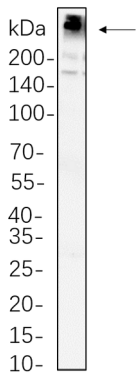
**Background**

Cell localization:Cytoplasm.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, Jul 2008],

## Research Area

## Image Data



A549 whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with Fatty Acid Synthase Rabbit Monoclonal Antibody(1:1000). The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.