

Fatty Acid Synthase Rabbit Monoclonal Antibody

Catalog #: EAB22339

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|-------------------------|----------|-------------------|
| Rabbit IgG | Monoclonal | WB, IP, IHC, IF/ICC, FC | 273 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|--|------------|
| WB(Western Blotting) | 1:500-2000 |
| IP(Immunoprecipitation) | 1:10-100 |
| IHC(Immunohistochemistry) | 1:20-200 |
| IF/ICC(Immunofluorescence/Immunocytochemistry) | 1:20-200 |
| FC(Flow Cytometry) | 1:10-100 |

Product Information

| | |
|----------------|--|
| Conjugate | Unconjugate |
| Specificity | Fatty Acid Synthase Rabbit Monoclonal Antibody detects endogenous levels of Fatty Acid Synthase protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | P49327 |
| Entrez-Gene Id | 2194 |

Product Description

Fatty Acid Synthase (FAS) is the anabolic enzyme that contains the seven unique catalytic sites and mediates the conversion of acetyl-CoA and malonyl-CoA, in the presence of the cofactor NADPH, into long-chain saturated fatty acids, such as palmitate. Human Fatty Acid Synthase cDNA encodes a 2,504 amino acid protein. Catalytically active Fatty Acid Synthase is a homodimer. Human Fatty Acid Synthase mRNA is variably expressed with abundant levels present in brain, lung and liver. Fatty acid synthetic metabolism is abnormally elevated in tumor cells and may support cell growth or survival of malignant cancers.

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