

Anti-FASN Antibody (1K266)

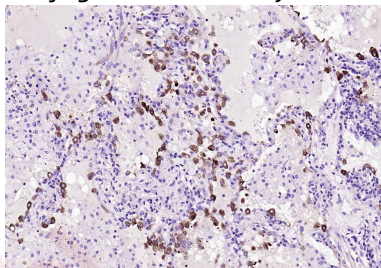
Product Details

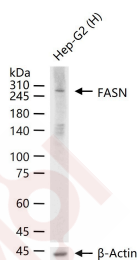
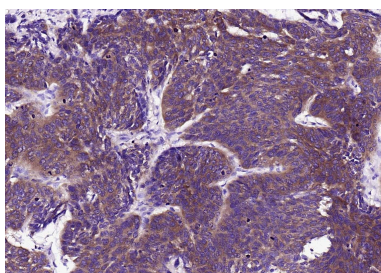
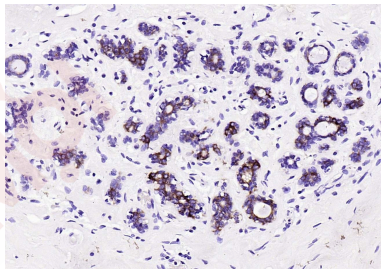
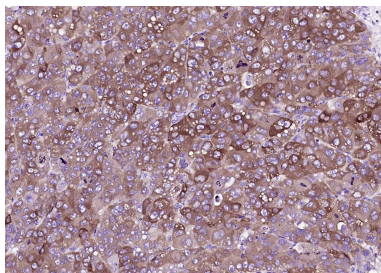
Ig Type:	IgG1, κ
Reactivity:	Human (predicted:Mouse)
Molecular Weight:	Theoretical: 274 kDa. Actual: 270 kDa.
Clone:	1K266
Purification:	Affinity purified by Protein AGL

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded (human lung carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (FASN) Monoclonal Antibody, Unconjugated (TMAB-00658) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (FASN) Monoclonal Antibody, Unconjugated (TMAB-00658) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded (human breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (FASN) Monoclonal Antibody, Unconjugated (TMAB-00658) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (FASN) Monoclonal Antibody, Unconjugated (TMAB-00658) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.
5. 25 μ g total protein per Lane of various lysates probed with FASN monoclonal antibody, unconjugated (TMAB-00658) at 1:4000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.





Application: ICC/IF,IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-5000; IHC-P: 1:100-500; IHC-Fr: 1:20-200; ICC/IF: 1:100-500; IF: 1:20-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human FASN

Antigen Species: Human

Gene ID: 2194

Uniprot ID: P49327

Synonyms: OA-519;SDR27X1;fatty acid synthase;FAS

Biology Area: Integration of energy metabolism, Metabolism of lipids and lipoproteins, Enzymes, Synthesis, Energy Metabolism, Integration of energy, Lipid metabolism, Fatty acid oxidation, Cancer, Obesity, Metabolism, Energy Metabolism, Lipid metabolism

Research Background

FASN (Fatty Acid Synthase) is a central enzyme in de novo lipogenesis. FAS is a target for SREBP and is upregulated by LXR activation; it is also one of the accepted markers for insulin resistance, SREBP and LXR activation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481