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Product datasheet for TA802185M

OXSM Mouse Monoclonal Antibody [Clone ID: OTI4E10]

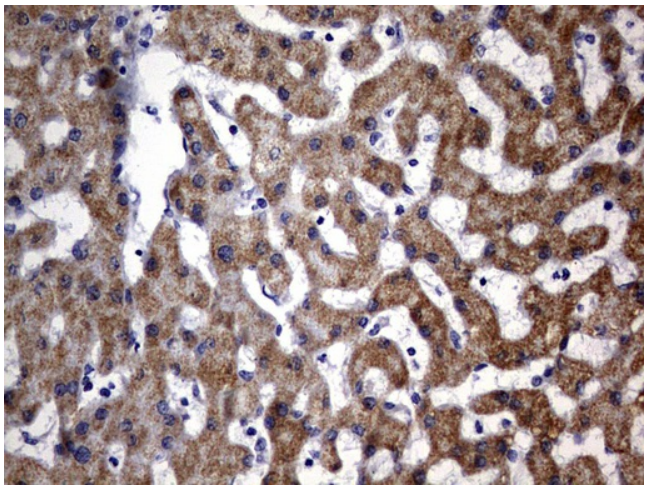
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4E10
Applications:	IHC
Recommended Dilution:	IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 78-343 of human OXSM (NP_060367) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48.7 kDa
Gene Name:	3-oxoacyl-ACP synthase, mitochondrial
Database Link:	NP_060367 Entrez Gene 71147 MouseEntrez Gene 289934 RatEntrez Gene 54995 Human Q9NWU1
Background:	This gene encodes a beta-ketoacyl synthetase. The encoded enzyme is required for elongation of fatty acid chains in the mitochondria. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009]
Synonyms:	FASN2D; KASI; KS
Protein Families:	Druggable Genome

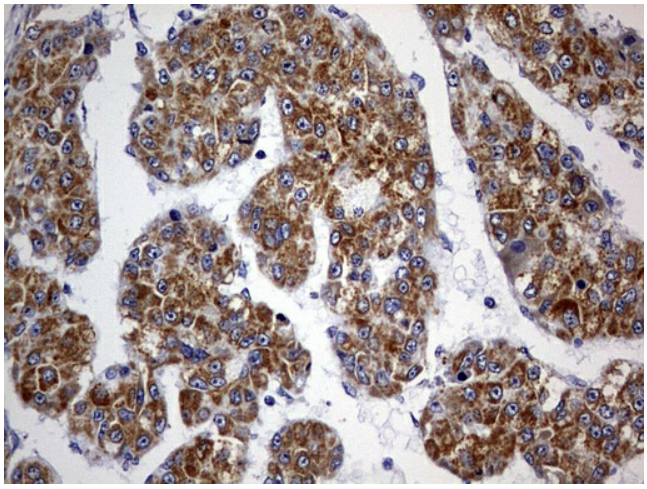
View online »

Protein Pathways: Fatty acid biosynthesis, Metabolic pathways

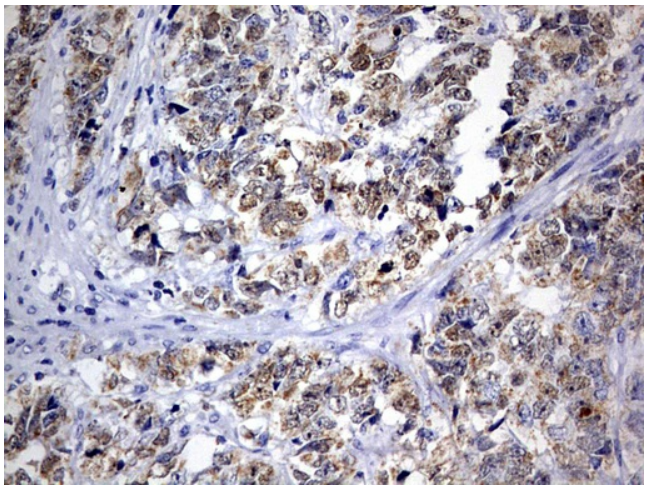
Product images:



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-OXSM mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-OXSM mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-OXSM mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.