

Product datasheet for **TA802453M**

Ornithine Carbamoyltransferase (OTC) Mouse Monoclonal Antibody [Clone ID: OTI2D9]

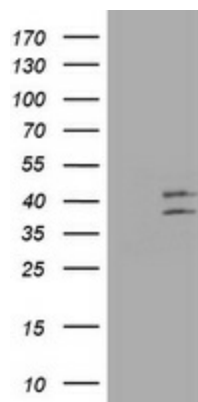
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D9
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 33-354 of human OTC (NP_000522) 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:	36.1 kDa
Gene Name:	ornithine carbamoyltransferase
Database Link:	NP_000522 Entrez Gene 18416 Mouse Entrez Gene 25611 Rat Entrez Gene 5009 Human P00480
Synonyms:	OCTD; OTCD
Protein Families:	Druggable Genome
Protein Pathways:	Arginine and proline metabolism, Metabolic pathways

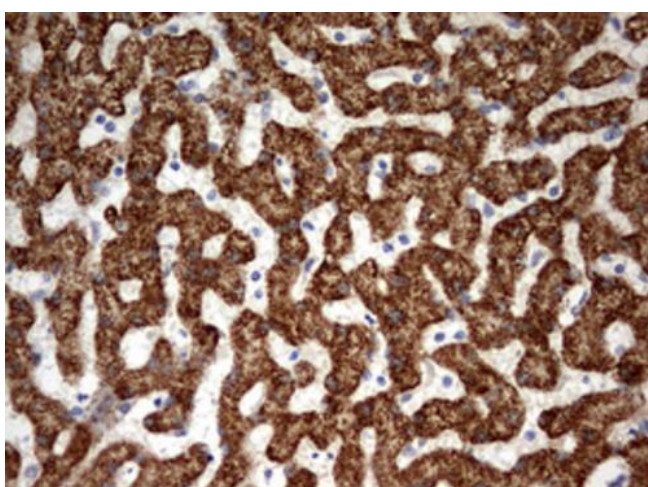


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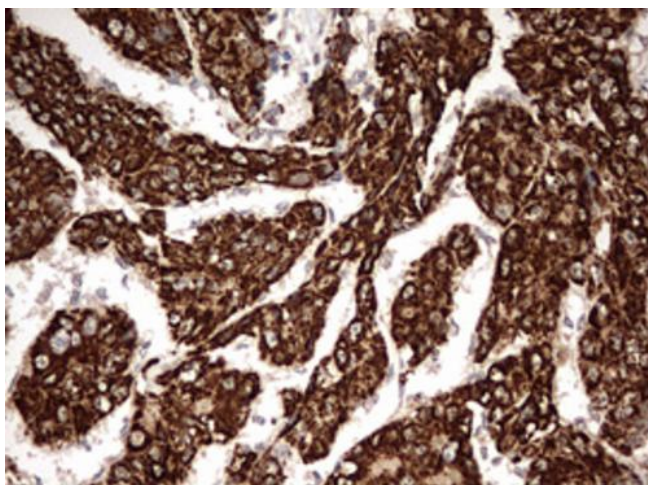
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OTC ([RC214662], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-OTC.



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-OTC mouse monoclonal antibody. ([TA802453]) Dilution: 1:150. 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-OTC mouse monoclonal antibody. ([TA802453]) Dilution: 1:150. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.