

Product datasheet for **TA802533M**

Ornithine Carbamoyltransferase (OTC) Mouse Monoclonal Antibody [Clone ID: OTI3H4]

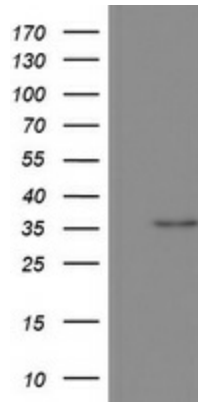
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3H4 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:2000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2b |
| 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 |

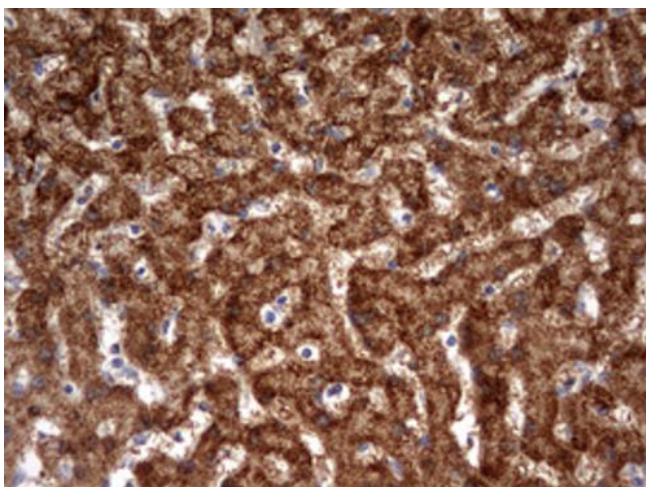


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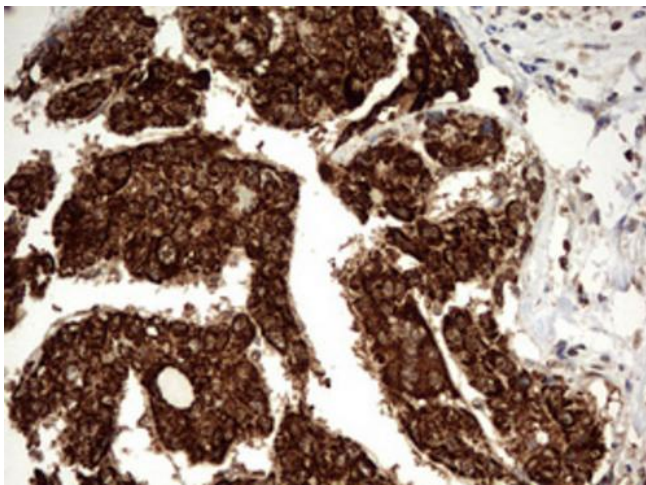
Product images:



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. ([TA802533]) 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. ([TA802533]) Dilution: 1:150. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.