

Product datasheet for **TA501308M**

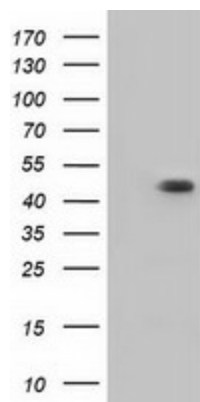
C9orf41 (CARNMT1) Mouse Monoclonal Antibody [Clone ID: OTI4B7]

Product data:

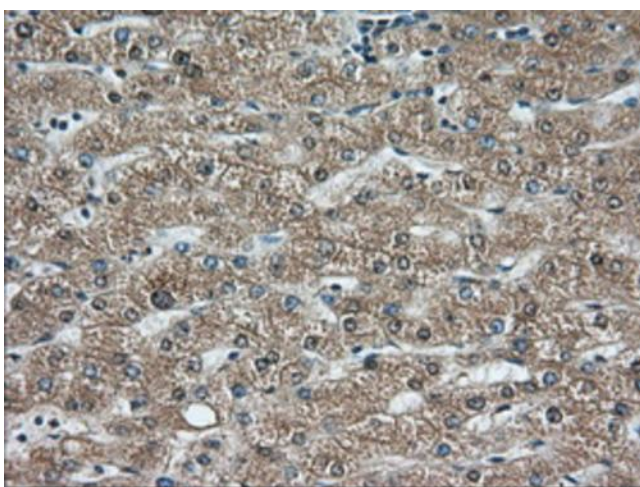
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|-------------------------|-----------------------------------------------------------------------------------------------------------|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4B7 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB 1:1000~2000, IHC 1:50, IF 1:100, FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human C9orf41 (NP_689663) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.87 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: | 47.0 kDa |
| Gene Name: | carnosine N-methyltransferase 1 |
| Database Link: | NP_689633 Entrez Gene 138199 Human Q8N4J0 |
| Synonyms: | C9orf41; UPF0586 |

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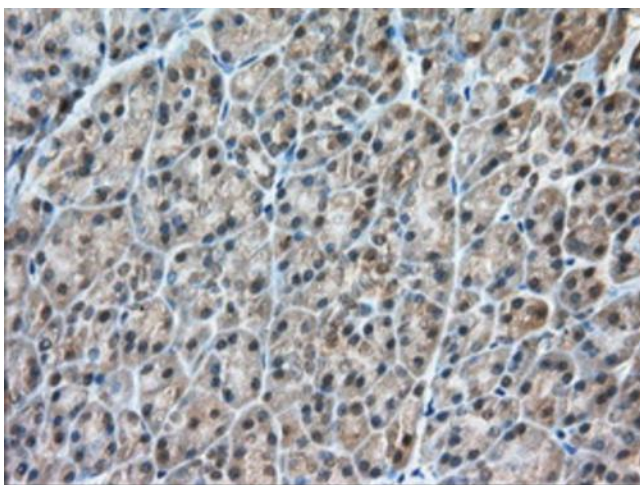
Product images:



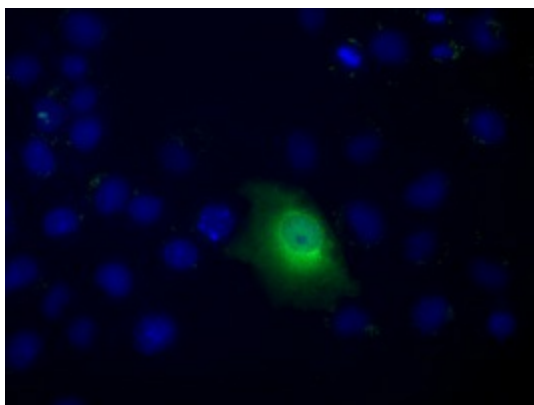
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY C9orf41 (Cat# [RC205116], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-C9orf41 (Cat# [TA501308]). Positive lysates [LY403480] (100ug) and [LC403480] (20ug) can be purchased separately from OriGene.



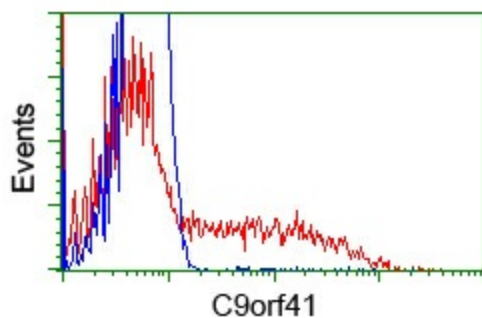
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-C9orf41 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-C9orf41 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-C9orf41 mouse monoclonal antibody ([TA501308]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY C9orf41 ([RC205116]).



HEK293T cells transfected with either [RC205116] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-C9orf41 antibody ([TA501308]), and then analyzed by flow cytometry.