

Product datasheet for **TA501300BM**

C9orf41 (CARNMT1) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI6E4]

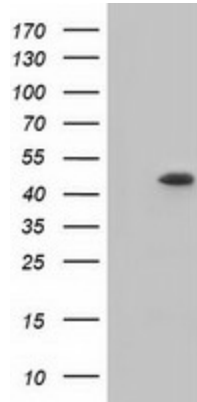
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI6E4 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB 1:2000, 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. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| 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 |

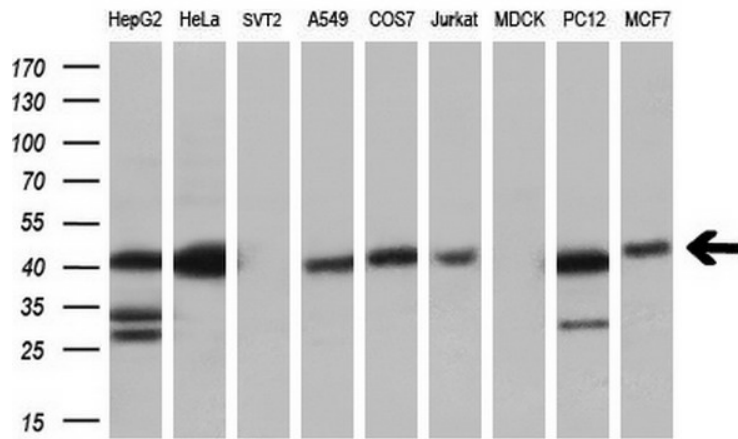


[View online »](#)

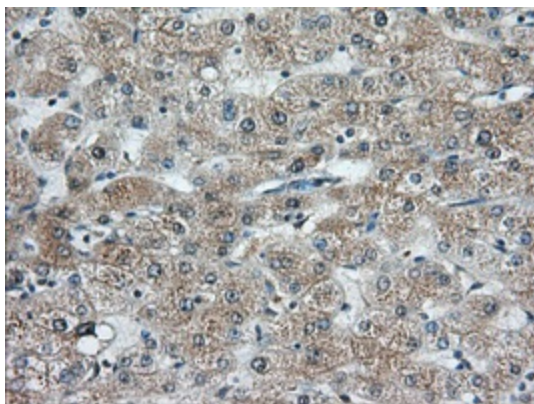
Product images:



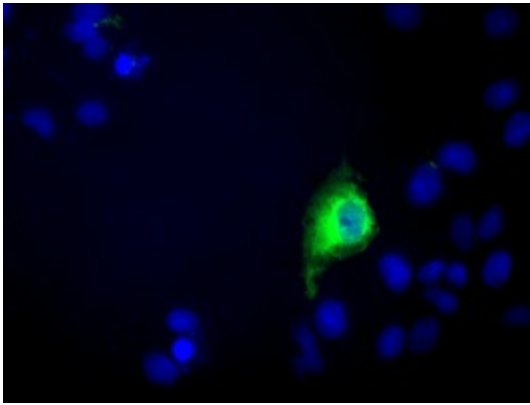
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY C9orf41 ([RC205116], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-C9orf41. Positive lysates [LY403480] (100ug) and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



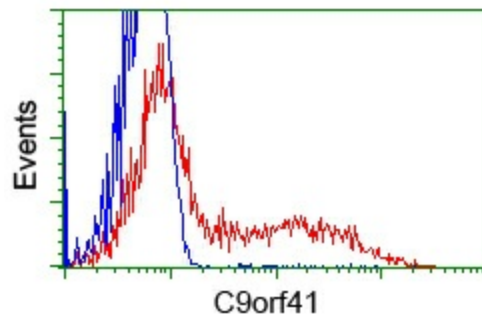
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-C9orf41 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-C9orf41 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501300], Dilution 1:50)



Anti-C9orf41 mouse monoclonal antibody ([TA501300]) 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 ([TA501300]), and then analyzed by flow cytometry.