

## Product datasheet for **TA501298AM**

### **C9orf41 (CARNMT1) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4A2]**

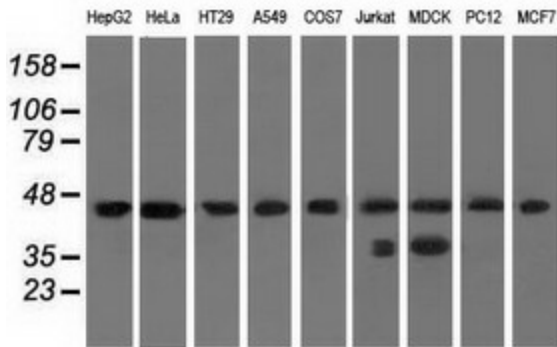
#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI4A2
Applications:	FC, WB
Recommended Dilution:	WB 1:500~2000, FLOW 1:100
Reactivity:	Human, Dog, Rat, Monkey
Host:	Mouse
Isotype:	IgG1
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:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
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:	<a href="#">NP_689633</a> <a href="#">Entrez Gene 293871 Rat</a> <a href="#">Entrez Gene 476320 Dog</a> <a href="#">Entrez Gene 706229 Monkey</a> <a href="#">Entrez Gene 138199 Human</a> <a href="#">Q8N4J0</a>
Synonyms:	C9orf41; UPF0586

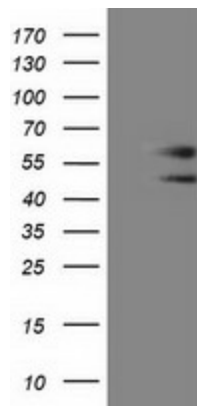


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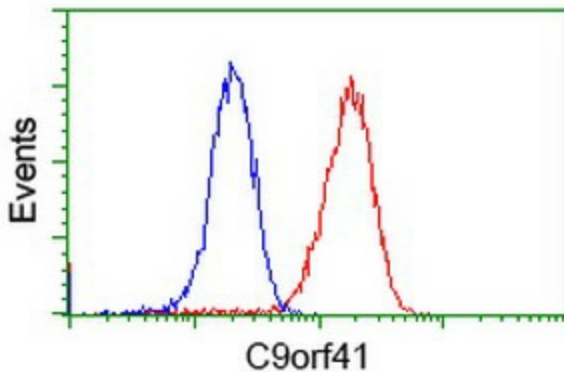
**Product images:**



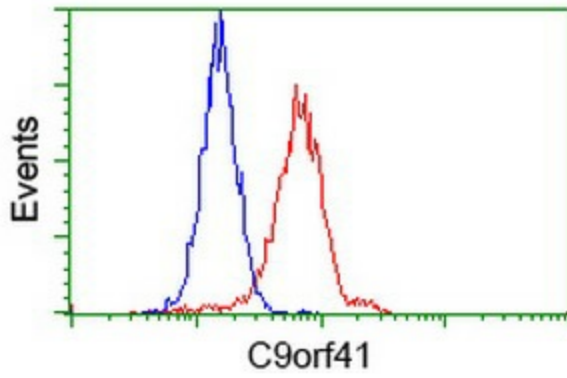
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-C9orf41 monoclonal antibody.



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.



Flow cytometric Analysis of Jurkat cells, using anti-C9orf41 antibody ([TA501298]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of HeLa cells, using anti-C9orf41 antibody ([TA501298]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).