

## Product datasheet for **TA501816S**

### **PUS7 Mouse Monoclonal Antibody [Clone ID: OTI4C6]**

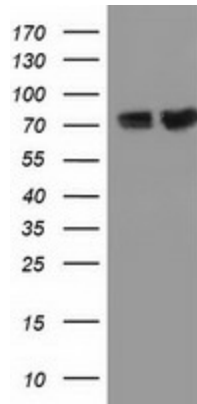
#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI4C6
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:500~2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PUS7 (NP_061915) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.6 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:	74.9 kDa
Gene Name:	pseudouridine synthase 7
Database Link:	<a href="#">NP_061915</a> <a href="#">Entrez Gene 78697 Mouse</a> <a href="#">Entrez Gene 296751 Rat</a> <a href="#">Entrez Gene 100856353 Dog</a> <a href="#">Entrez Gene 697463 Monkey</a> <a href="#">Entrez Gene 54517 Human</a> <a href="#">Q96PZ0</a>
Synonyms:	FLJ20485; KIAA1897; MGC17720

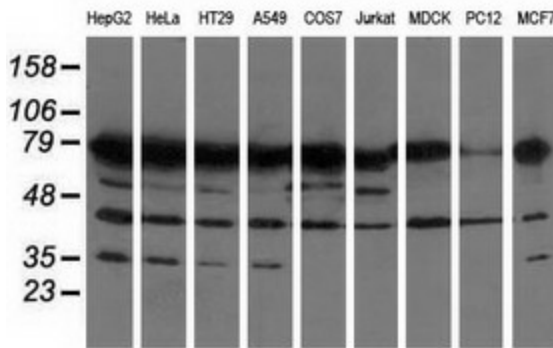


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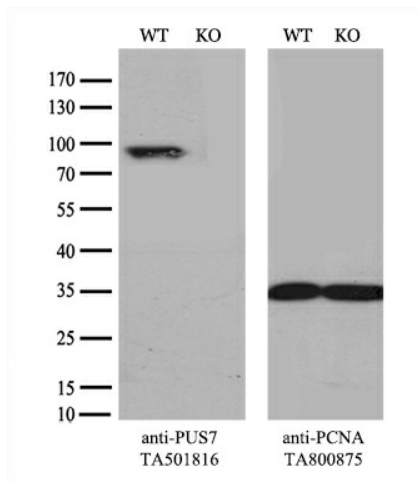
**Product images:**



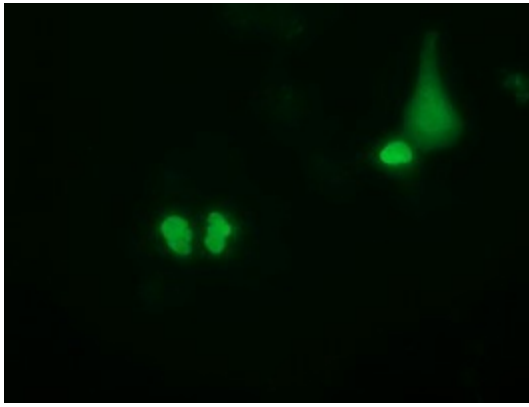
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PUS7 (Cat# [RC203902], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PUS7(Cat# [TA501816]). Positive lysates [LY412749] (100ug) and [LC412749] (20ug) can be purchased separately from OriGene.



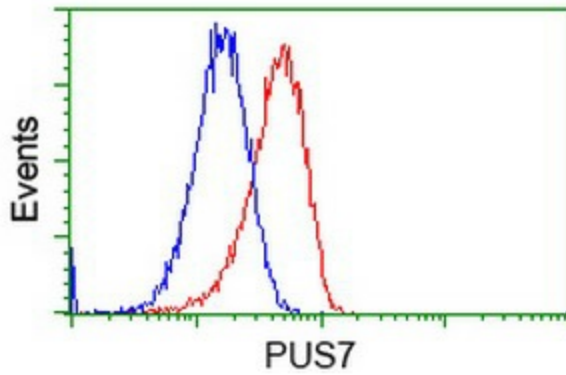
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PUS7 monoclonal antibody.



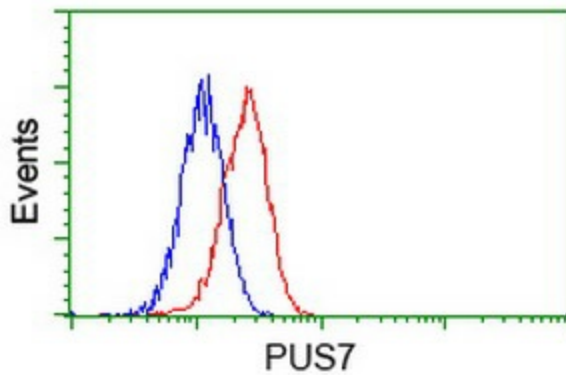
Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and PUS7-Knockout HeLa cells (KO, Cat# [LC833095] ) were separated by SDS-PAGE and immunoblotted with anti-PUS7 monoclonal antibody [TA501816] (1:1000 `). Then the blotted membrane was stripped and reprobed with anti-PCNA antibody as a loading control.



Anti-PUS7 mouse monoclonal antibody ([TA501816]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PUS7 ([RC203902]).



Flow cytometric Analysis of HeLa cells, using anti-PUS7 antibody ([TA501816]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-PUS7 antibody ([TA501816]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).