

Product datasheet for **CF501823**

PUS7 Mouse Monoclonal Antibody [Clone ID: OTI4H5]

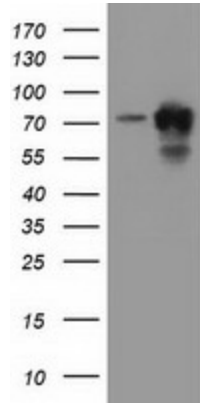
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4H5
Applications:	FC, WB
Recommended Dilution:	WB 1:500~2000, FLOW 1:100
Reactivity:	Human, Dog, Monkey, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PUS7 (NP_061915) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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:	NP_061915 Entrez Gene 78697 Mouse Entrez Gene 296751 Rat Entrez Gene 100856353 Dog Entrez Gene 697463 Monkey Entrez Gene 54517 Human Q96PZ0
Synonyms:	FLJ20485; KIAA1897; MGC17720

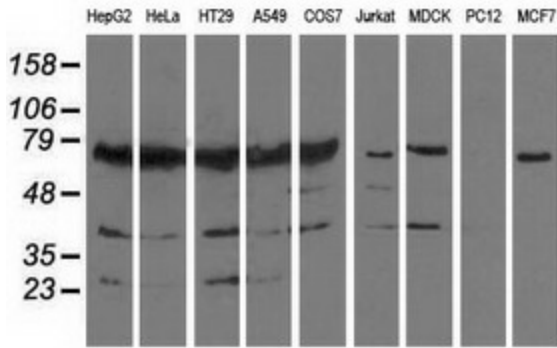


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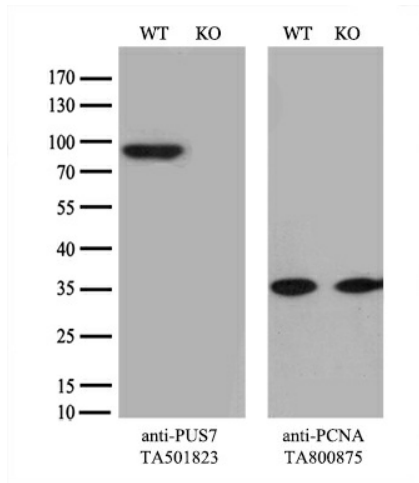
Product images:



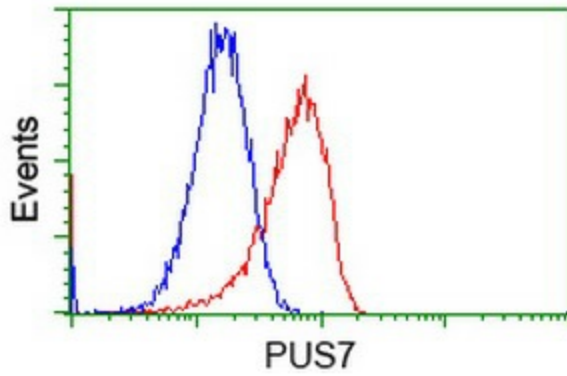
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PUS7 [RC203902], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PUS7. Positive lysates [LY412749] (100ug) and [LC412749]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



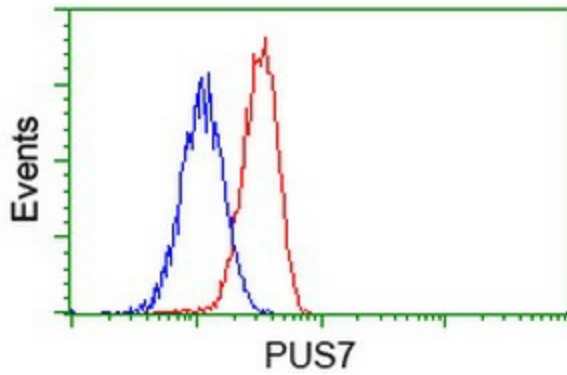
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PUS7 monoclonal antibody.



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 [TA501823] (1:1000). Then the blotted membrane was stripped and reprobed with anti-PCNA antibody as a loading control.



Flow cytometric Analysis of HeLa cells, using anti-PUS7 antibody ([TA501823]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-PUS7 antibody ([TA501823]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).