

## Product datasheet for **CF501815**

### **PUS7 Mouse Monoclonal Antibody [Clone ID: OTI5F12]**

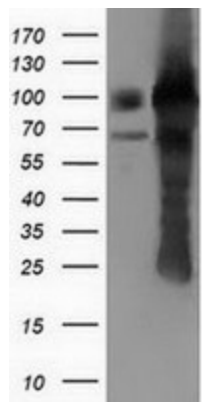
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI5F12
<b>Applications:</b>	FC, IF, WB
<b>Recommended Dilution:</b>	WB 1:500~2000, IF 1:100, FLOW 1:100
<b>Reactivity:</b>	Human, Monkey, Mouse, Rat, Dog
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human PUS7 (NP_061915) produced in HEK293T cell.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	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)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	74.9 kDa
<b>Gene Name:</b>	Homo sapiens pseudouridine synthase 7 (PUS7), transcript variant 2, mRNA.
<b>Database Link:</b>	<a href="#">NP_061915</a> <a href="#">Entrez Gene 78697 MouseEntrez Gene 296751 RatEntrez Gene 100856353 DogEntrez Gene 697463 MonkeyEntrez Gene 54517 Human Q96PZ0</a>
<b>Synonyms:</b>	FLJ20485; KIAA1897; MGC17720

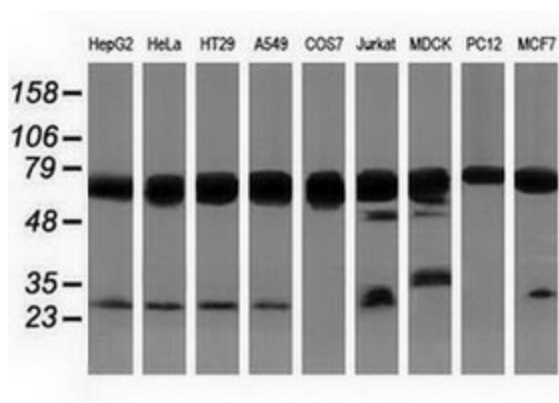


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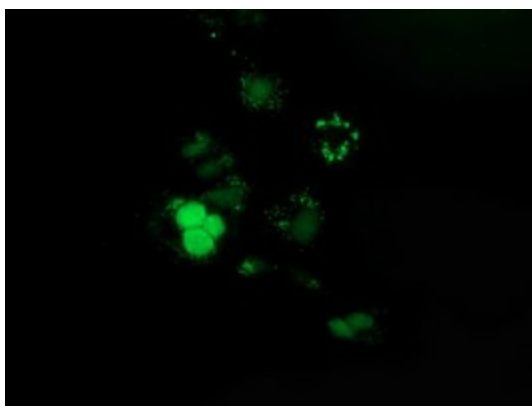
**Product images:**



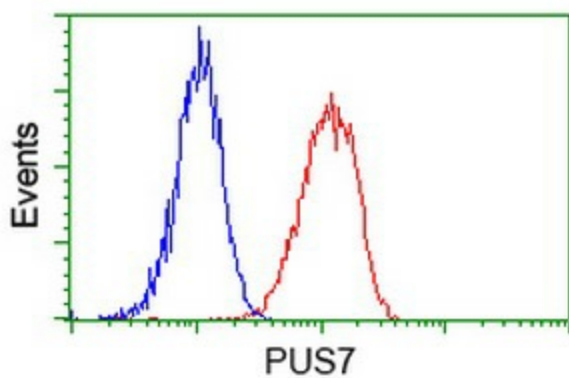
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PUS7 ([RC203902], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PUS7. Positive lysates [LY412749] (100ug) and [LC412749]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



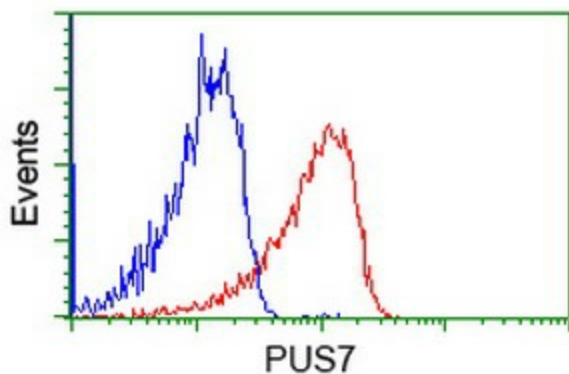
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PUS7 monoclonal antibody.



Anti-PUS7 mouse monoclonal antibody ([TA501815]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PUS7 ([RC203902]).



Flow cytometric Analysis of HeLa cells, using anti-PUS7 antibody ([TA501815]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-PUS7 antibody ([TA501815]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).