

## Product datasheet for **CF808231**

### PRPK (TP53RK) Mouse Monoclonal Antibody [Clone ID: OTI5A5]

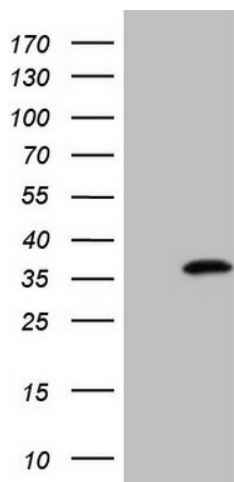
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5A5
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TP53RK (NP_291028) produced in E.coli.
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:	28 kDa
Gene Name:	TP53 regulating kinase
Database Link:	<a href="#">NP_291028</a> <a href="#">Entrez Gene 112858 Human</a> <a href="#">Q96S44</a>
Synonyms:	BUD32; C20orf64; dJ101A2; Nori-2; Nori-2p; PRPK
Protein Families:	Druggable Genome, Protein Kinase

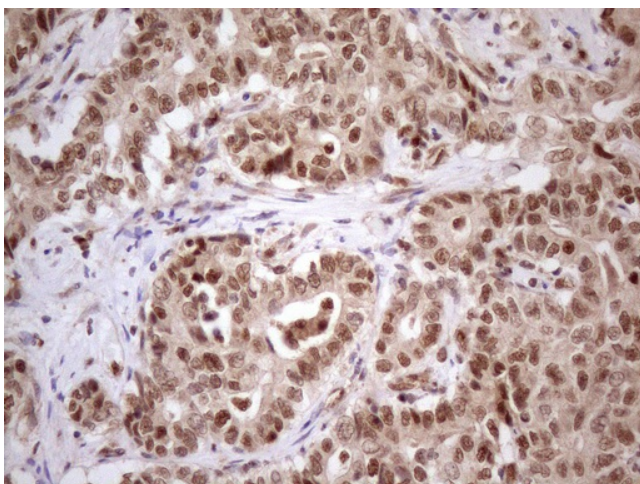


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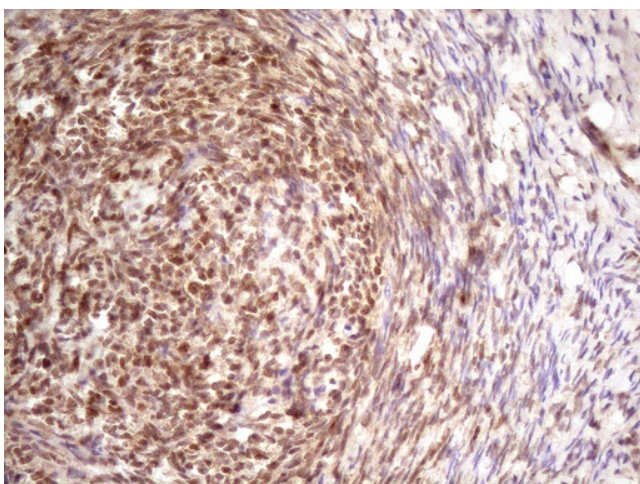
**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TP53RK ([RC209748], 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-TP53RK (1:2000). Positive lysates [LY403262] (100ug) and [LC403262] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-TP53RK mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-TP53RK mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

