

Product datasheet for **CF808232**

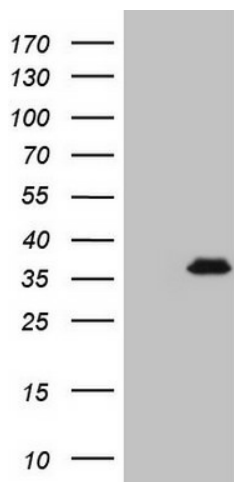
PRPK (TP53RK) Mouse Monoclonal Antibody [Clone ID: OTI5B2]

Product data:

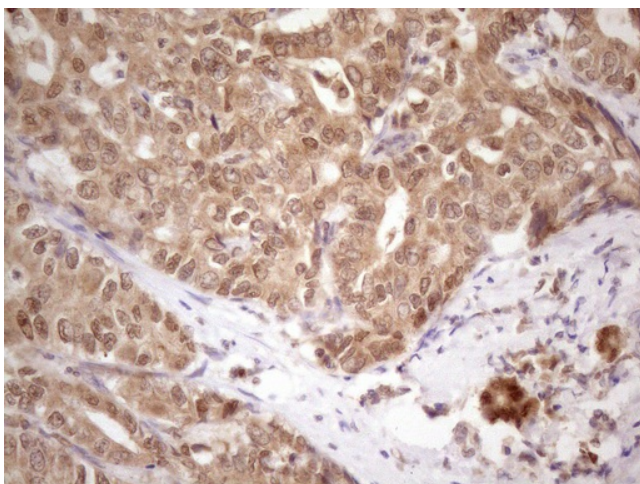
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI5B2 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2b |
| 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: | NP_291028 Entrez Gene 112858 Human Q96S44 |
| Synonyms: | BUD32; C20orf64; dJ101A2; Nori-2; Nori-2p; PRPK |
| Protein Families: | Druggable Genome, Protein Kinase |



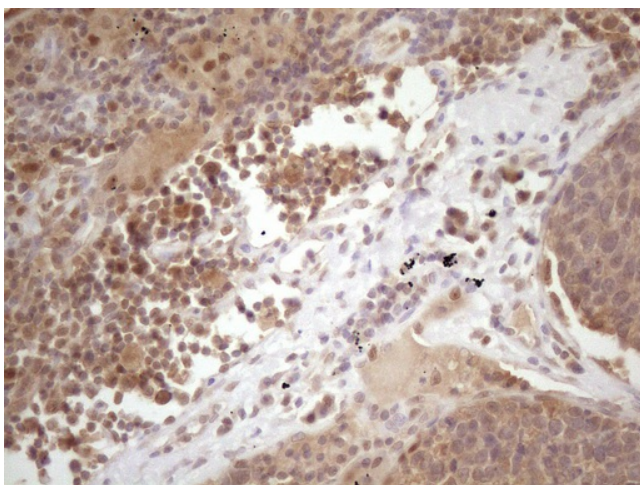
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Product images:

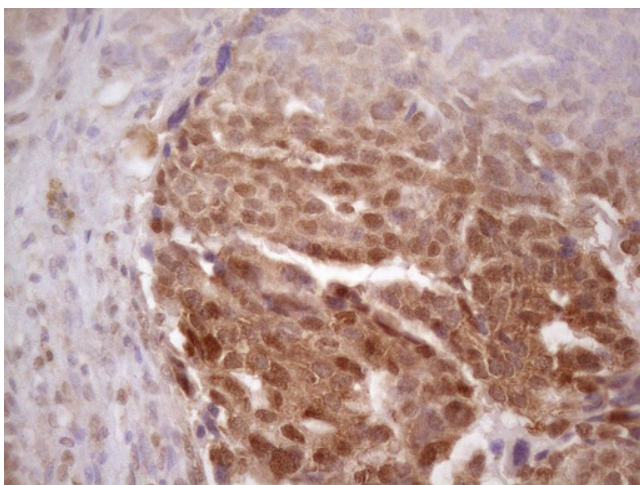
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TP53RK (Cat# [RC209748], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TP53RK (Cat# [TA808232])(1:2000). 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 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA808232]) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-TP53RK mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA808232]) (1:150)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TP53RK mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA808232]) (1:150)