

Product datasheet for **CF810219**

PPP4C Mouse Monoclonal Antibody [Clone ID: OTI2H7]

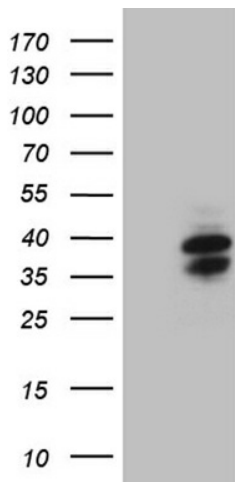
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2H7
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PPP4C (NP_002711) 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.
Gene Name:	protein phosphatase 4 catalytic subunit
Database Link:	NP_002711 Entrez Gene 56420 Mouse Entrez Gene 171366 Rat Entrez Gene 5531 Human P60510
Synonyms:	PP-X; PP4; PP4C; PPH3; PPP4; PPX
Protein Families:	Druggable Genome, Phosphatase

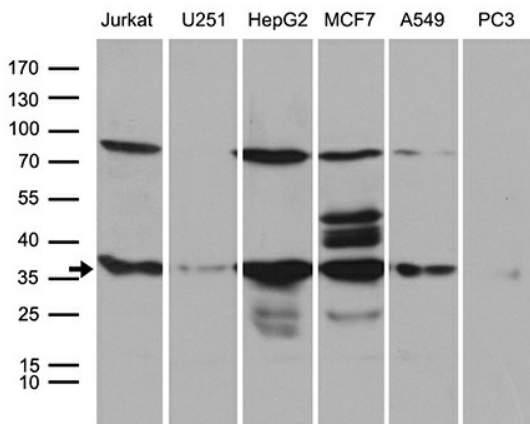


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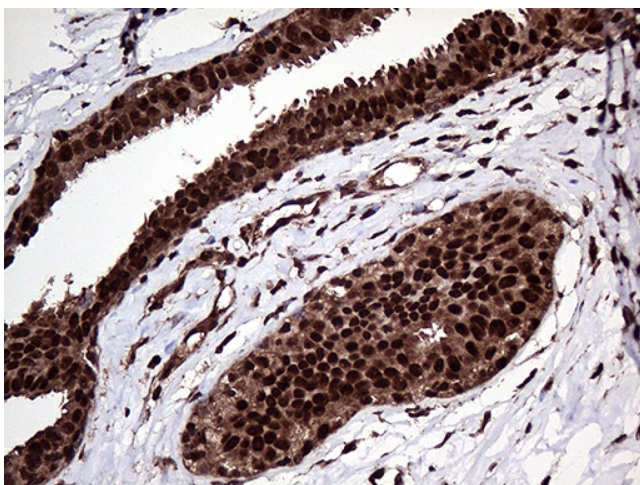
Product images:



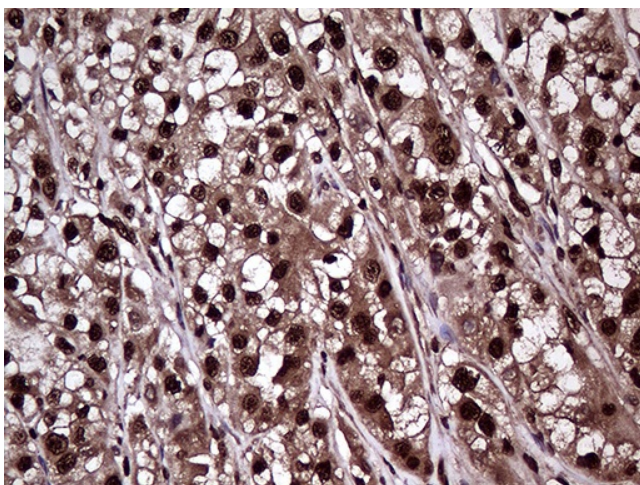
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PPP4C ([RC200538], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PPP4C (1:2000).



Western blot analysis of extracts (35ug) from 6 different cell lines by using anti-PPP4C monoclonal antibody (1:500).



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-PPP4C mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810219]) (1:2000)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-PPP4C mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810219]) (1:2000)