

## Product datasheet for **TA810374**

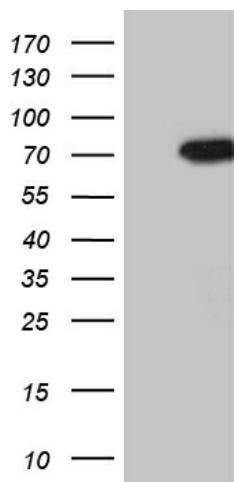
### PIP5K3 (PIKFYVE) Mouse Monoclonal Antibody [Clone ID: OTI1D2]

#### Product data:

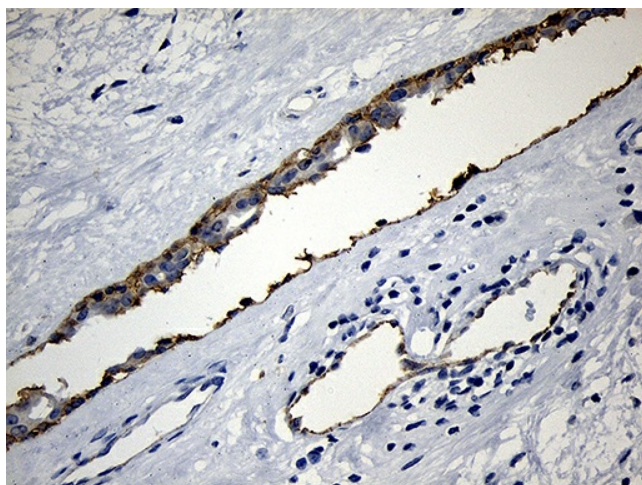
Product Type:	Primary Antibodies
Clone Name:	OTI1D2
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PIKFYVE (NP_001171471) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
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:	phosphoinositide kinase, FYVE-type zinc finger containing
Database Link:	<a href="#">NP_001171471</a> <a href="#">Entrez Gene 18711 Mouse</a> <a href="#">Entrez Gene 316457 Rat</a> <a href="#">Entrez Gene 200576 Human</a> <a href="#">Q9Y2I7</a>
Synonyms:	CFD; FAB1; HEL37; PIP5K; PIP5K3; ZFYVE29
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis, Fc gamma R-mediated phagocytosis, Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system, Regulation of actin cytoskeleton



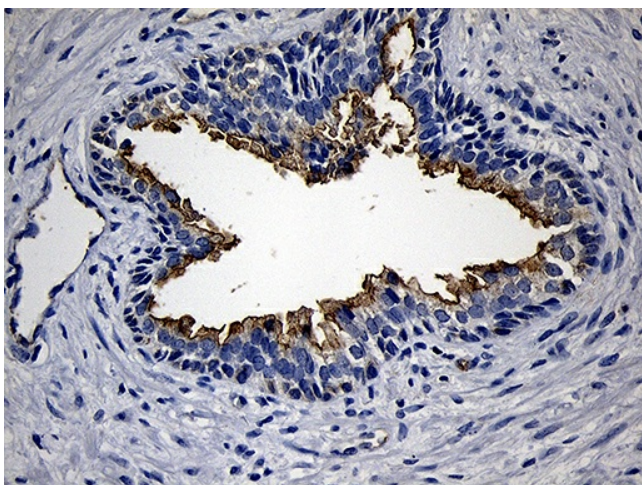
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**Product images:**

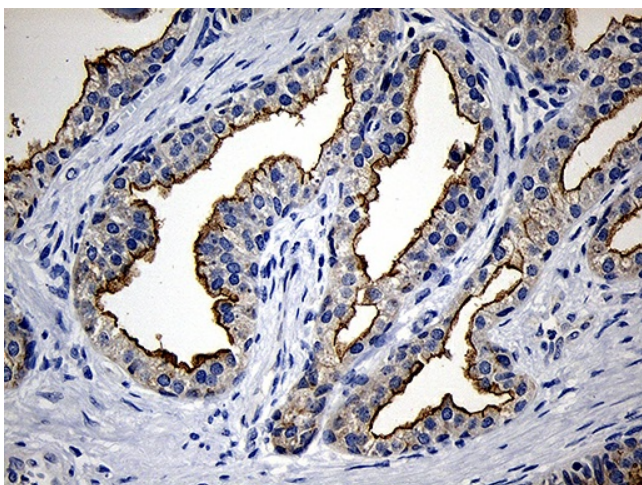
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PIKFYVE (Cat# [RC230258], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PIKFYVE (Cat# TA810374)(1:2000).



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