

## Product datasheet for **TA504458**

### **MPP5 Mouse Monoclonal Antibody [Clone ID: OTI5D10]**

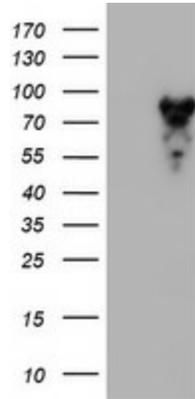
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI5D10
<b>Applications:</b>	WB
<b>Recommend Dilution:</b>	WB 1:500~2000
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human MPP5(NP_071919) produced in HEK293T cell.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Predicted Protein Size:</b>	77.1 kDa
<b>Gene Name:</b>	membrane palmitoylated protein 5
<b>Database Link:</b>	<a href="#">NP_071919 Entrez Gene 64398 Human</a>
<b>Background:</b>	Members of the peripheral membrane-associated guanylate kinase (MAGUK) family function in tumor suppression and receptor clustering by forming multiprotein complexes containing distinct sets of transmembrane, cytoskeletal, and cytoplasmic signaling proteins. All MAGUKs contain a PDZ-SH3-GUK core and are divided into 4 subfamilies, DLG-like (see DLG1; MIM 601014), ZO1-like (see TJP1; MIM 601009), p55-like (see MPP1; MIM 305360), and LIN2-like (see CASK; MIM 300172), based on their size and the presence of additional domains (Tseng et al., 2001 [PubMed 11311936]). MPP5 is a member of the p55-like MAGUK subfamily. [supplied by OMIM]
<b>Synonyms:</b>	PALS1
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Tight junction

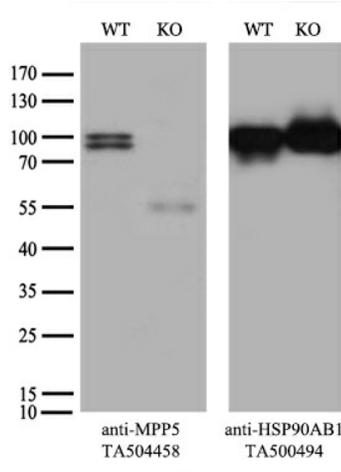


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Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MPP5 (RC224752), 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-MPP5. Positive lysates [LY411659] (100ug) and [LC411659] (20ug) can be purchased separately from OriGene.



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and MPP5-Knockout HeLa cells (KO, Cat# [LC834761]) were separated by SDS-PAGE and immunoblotted with anti-MPP5 monoclonal antibody TA504458 (1:200). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.