



# PTPIP51 mouse mAb

<b>Catalog No</b>	BYmab-17992
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	FAM82A2 FAM82C PTPIP51 hucep-10 UNQ3122/PRO10274
<b>Protein Name</b>	Regulator of microtubule dynamics protein 3 (RMD-3) (hRMD-3) (Cerebral protein 10) (Protein FAM82A2) (Protein FAM82C) (Protein tyrosine phosphatase-interacting protein 51) (TCPTP-interacting protein 5)
<b>Immunogen</b>	Synthesized peptide derived from human PTPIP51
<b>Specificity</b>	This antibody detects endogenous levels of PTPIP51 at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	52kD
<b>Cell Pathway</b>	Mitochondrion outer membrane ; Single-pass membrane protein . Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, spindle . Cytoplasm, cytoskeleton, spindle pole . In interphase localizes in the cytoplasm, and during mitosis localizes to the spindle microtubules and spindle poles. .
<b>Tissue Specificity</b>	Present at high level in epidermis and seminiferous epithelium: while basal cells in the epidermis and spermatogonia show no perceptible amount, keratinocytes of suprabasal layers and differentiating first-order spermatocytes up to spermatids exhibit high expression. In skeletal muscle, its presence is restricted to fibers of the fast twitch type. In surface epithelia containing ciliated cells, it is associated with the microtubular structures responsible for ciliary movement. Also present in specific structures of the central nervous system such as neurons of the hippocampal region, ganglion cells of the autonomic nervous system, and axons of the peripheral nervous system (at protein level). Widely expressed.

**Nanjing BYabscience technology Co.,Ltd**

网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658



Function	Involved in cellular calcium homeostasis regulation. May participate in differentiation and apoptosis of keratinocytes. Overexpression induces apoptosis.
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images