

Product name:	PTK6 Mouse Monoclonal Antibody
Cat number:	MABN80582
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG2b
Immunogen:	Purified recombinant fragment of human PTK6 expressed in E. Coli.
Reactivity:	Human
Applications:	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight:	52kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	PTK6 (protein tyrosine kinase 6, BRK or FLJ42088), with 451-amino acid protein (about 52kDa), encodes a cytoplasmic nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Its presence in the nucleus appears to be linked to suppression of tumor progression. The encoded protein has been shown to undergo autophosphorylation. Very high level in colon and high levels in small intestine and prostate, and low levels in some fetal tissues. And Expressed at low level in some breast tumors, but not in normal breast. Also found in melanocytes, but not expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype.