

## Mouse Monoclonal Antibody to PTK6

<b>Catalogue Number</b>	sAP-0096
<b>Target Molecule</b>	<p><b>Name:</b> PTK6</p> <p><b>Aliases:</b> BRK; FLJ42088</p> <p><b>MW:</b> 52kDa</p> <p><b>Entrez Gene ID:</b> 5753</p>
<b>Description</b>	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 pheno-
<b>Immunogen</b>	Purified recombinant fragment of human PTK6 expressed in E. Coli. ; ;
<b>Recitative Species</b>	Human
<b>Clone</b>	MM2H12B8;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Wilks, A.F. Proc. Natl. Acad. Sci. USA 86: 1603-1607. ; 2. Otilie, S., et al. Oncogene 7: 1625-1630. ; 3. Lee, S.T., et al. Oncogene 8: 3403-3410. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**