

# Mouse Monoclonal Antibody to PTK6

## Order Information

Catalog#	20122
Size/Concentration	50ul 100µl
Price(¥)	1280 2180

## Description

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.

## Specification

Entrez GeneID	5753
Aliases	BRK; FLJ42088
Clone#	2H12B8
MW	52kDa
Host/Isotype	Mouse IgG2b
Storage	4°C; -20°C for long term storage. Avoid freeze/thaw cycles.
Species Reactivity	Human
Immunogen	Purified recombinant fragment of human PTK 6 expressed in E. Coli.
Formulation	Ascitic fluid containing 0.03% sodium azide.

## Application

ELISA	1/10000
WB	1/500 - 1/2000

## References

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.






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## Protocol

WB - [www.promab.com/protocol/wb.html](http://www.promab.com/protocol/wb.html)  
IHC - [www.promab.com/protocol/ihc.html](http://www.promab.com/protocol/ihc.html)  
ICC - [www.promab.com/protocol/icc.html](http://www.promab.com/protocol/icc.html)  
HCM - [www.promab.com/protocol/hcm.html](http://www.promab.com/protocol/hcm.html)

**Antigen Sequence** is available upon request.

## Products and Services

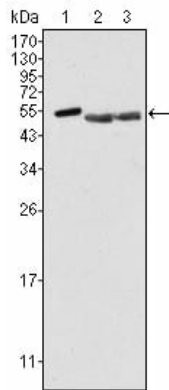
-  Mouse Monoclonal Antibody
-  Rat Monoclonal Antibody
-  Human Antibody
-  Hybridoma Sequencing
-  Polyclonal Antibody

## For Research Only

**Application Key:** WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

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## Mouse Monoclonal Antibody to PTK6



Western blot analysis using PTK6 mouse mAb against HeLa (1), A549 (2) and MCF-7 (3) cell lysate.