

# Mouse Monoclonal Antibody to PTK6

## Order Information

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

## 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

Aliases : BRK; FLJ42088

Entrez GeneID : 5753

Swissprot : Q13882

clone : 2H12B8

WB Predicted band size : 52kDa

Host/Isotype : Mouse IgG2b

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of human PTK6 expressed in E. Coli.

Formulation : Ascitic fluid containing 0.03% sodium azide.

## Application

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

## 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

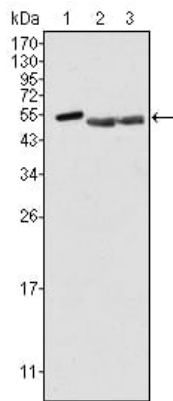
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

**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.

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