

For Research Use Only

# PTK2B Monoclonal ANTIBODY



Catalog Number: 67141-1-Ig

## Basic Information

<b>Catalog Number:</b> 67141-1-Ig	<b>GenBank Accession Number:</b> BC042599	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150UL, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2185	<b>CloneNo.:</b> 2A10G5
<b>Source:</b> Mouse	<b>Full Name:</b> PTK2B protein tyrosine kinase 2 beta	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 1009 aa, 116 kDa	
<b>Immunogen Catalog Number:</b> AG11487	<b>Observed MW:</b> 112-115 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB: Jurkat cells, mouse brain tissue
<b>Species Specificity:</b> Human, Mouse, Rat, Pig	

## Background Information

Proline-rich tyrosine kinase 2 (Pyk2; also known as CAK, RAFTK and CADTK) is a cytoplasmic tyrosine kinase implicated to play a role in several intracellular signaling pathways. It is expressed in many cells and tissues and migrated as a 130 kDa band in Western Blotting analysis. The size of PYK2 is 115 kDa, and it expressed in many cells and tissues and migrated as a 130 kDa band, but several lower molecular weight bands (75 kDa, 80 kDa, and 97 kDa) were seen in Western Blotting analysis, possibly due to proteolytic degradation.

## Storage

**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

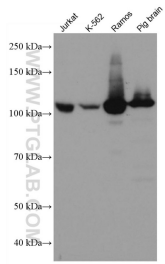
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67141-1-Ig (PTK2B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.