

For Research Use Only

# PTK2B Monoclonal antibody

Catalog Number: 67141-1-Ig



## Basic Information

Catalog Number:

67141-1-Ig

Size:

1900 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG11487

GenBank Accession Number:

BC042599

GeneID (NCBI):

2185

UNIPROT ID:

Q14289

Full Name:

PTK2B protein tyrosine kinase 2 beta

Calculated MW:

1009 aa, 116 kDa

Observed MW:

112-115 kDa

Purification Method:

Protein G purification

CloneNo.:

2A10G5

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat, Pig

Positive Controls:

WB : Jurkat cells, mouse brain tissue, K-562 cells, Ramos cells, pig brain tissue

## 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% 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:

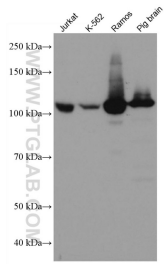
T: 4006900926

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W: [ptgcn.com](http://ptgcn.com)

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## 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.