

For Research Use Only

# PAX1-Specific Monoclonal antibody, PBS Only



Catalog Number: 60217-1-PBS

## Basic Information

Catalog Number:

60217-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

GenBank Accession Number:

NM\_006192

GeneID (NCBI):

5075

UNIPROT ID:

P15863

Full Name:

paired box 1

Calculated MW:

55 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

5A10D9

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

## Background Information

PAX1, also named as HUP48, is a transcriptional activator. It may play a role in the formation of segmented structures of the embryo and may play an important role in the normal development of the vertebral column. It is a marker of the sclerotomal compartment. PAX1 was reported that, quantitative measurement of PAX1 hypermethylation in cervical scrapings is highly sensitive and is more specific than HC2 in detection of cervical cancer. It is expressed by vSMC and pericytes during the earliest phases of vascular wall formation. This antibody is specific to PAX1.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

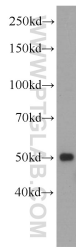
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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

# Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 60217-1-Ig (PAX1-Specific Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60217-1-PBS in a different storage buffer formulation.