

For Research Use Only

PTEN Monoclonal antibody

Catalog Number: 60300-3-Ig



Basic Information

Catalog Number:

60300-3-Ig

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG17274

GenBank Accession Number:

BC005821

GeneID (NCBI):

5728

UNIPROT ID:

P60484

Full Name:

phosphatase and tensin homolog

Calculated MW:

47 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

4D8G9

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, MCF-7 cells, DU 145 cells, HT-29 cells, NIH/3T3 cells

Background Information

PTEN (also designated MMAC1), products of tumor suppressor genes, are found deleted in most human gliomas. The PTEN genes are also mutated in many other tumors, such as brain, breast, kidney and prostate cancers. PTEN is a protein tyrosine phosphatase that may terminate the signaling transduction pathways mediated by PI 3-kinase/Akt. PTEN has an apparent molecular weight of 55 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

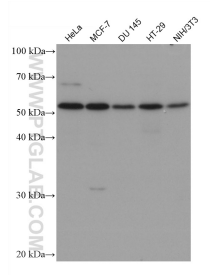
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 60300-3-Ig (PTEN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.