

Anti-PTEN Rabbit Monoclonal Antibody, Clone#RM265

Catalog Number: M00006-3

Overview

Product Name	Anti-PTEN Rabbit Monoclonal Antibody, Clone#RM265
Reactive Species	Human
Description	Boster Bio Anti-PTEN Rabbit Monoclonal Antibody, Clone#RM265 (Catalog # M00006-3). Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal RM265
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P60484

Technical Details

Immunogen	A peptide corresponding to the C-terminus of human PTEN
Predicted Reactive Species	Mouse
Cross Reactivity	This antibody reacts to human Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and has dual-specificity to protein phosphatase PTEN. This antibody may also react to mouse PTEN, as predicted by immunogen homology.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Immunohistochemistry (IHC): 1:1000-1:2000 dilution WB: 1:1000-1:2000 dilution.

Anti-PTEN Rabbit Monoclonal Antibody, Clone#RM265 (M00006-3) Images

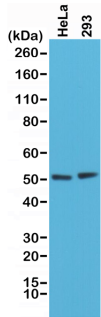


Figure 1. Western Blotting result
Western Blot of HeLa and 293 cells lysates using Anti-PTEN Rabbit Monoclonal Antibody (Clone RM265) at a 1:1000 dilution.

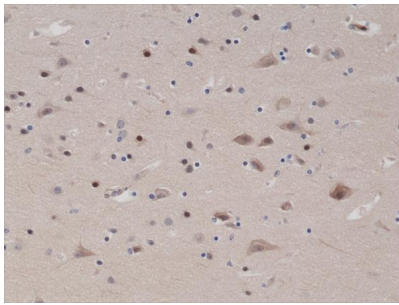


Figure 2. IHC result
Immunohistochemical staining of formalin fixed and paraffin embedded human brain tissue sections using Anti-PTEN Rabbit Monoclonal Antibody (Clone RM265) at a 1:1000 dilution.

10 Publications Citing This Product

1. PubMed ID: 10.1097/MD.00000000000026779, Aberrant PTEN, PIK3CA, pMAPK, and TP53 expression in human scalp and face angiosarcoma
2. PubMed ID: 10.1038/s41598-019-52197-3, Identification and profiling of microRNAs expressed in oral buccal mucosa squamous cell carcinoma of Chinese hamster
3. PubMed ID: 31614022, Sun M,Hu L, S,Huang T,Zhang M,Yang M,Zhen W,Yang D,Lu W,Guan M,Peng S. Circulating MicroRNA-19b Identified From Osteoporotic Vertebral Compression Fracture Patients Increases Bone Formation. J Bone Miner Res.2020 Feb;35(2):306-316. doi:10.1002/jbmr.3892.

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