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BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

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% stabilizing protein and 0.09% sodium azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	Immunohistochemistry (IHC): 1:1000-1:2000 dilution WB: 1:1000-1:2000 dilution.

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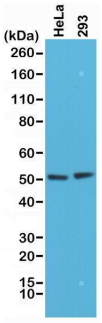
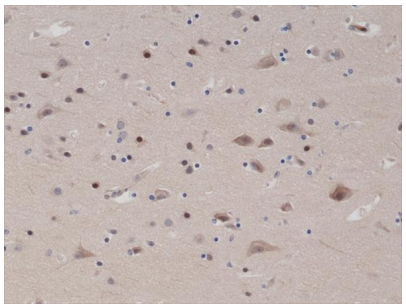
Anti-PTEN Rabbit Monoclonal Antibody, Clone#RM265 (M00006-3) Images



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



IHC resultImmunohistochemical 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.0000000000026779, 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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