

Product Datasheet

PTEN Antibody (2G9) H00005728-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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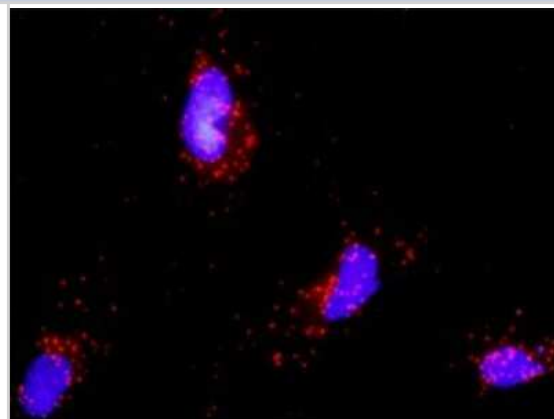


H00005728-M01**PTEN Antibody (2G9)**

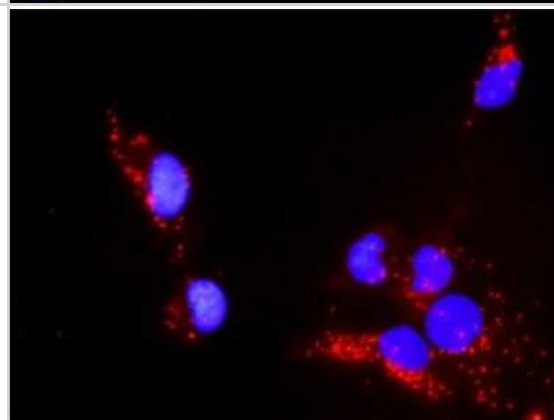
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2G9
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5728
Gene Symbol	PTEN
Species	Human
Specificity/Sensitivity	PTEN (2G9)
Immunogen	PTEN (AAH05821, 221 a.a. ~ 320 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KVKIYSSNSGPTRRREDKFMFYFEFPQPLPVCGLDIKVEFFHKQNKMLKKDKMFHF WVNTFFIPGPEETSEKVENGLCDQEIDSICSIERADNDKEYLVLT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

Images

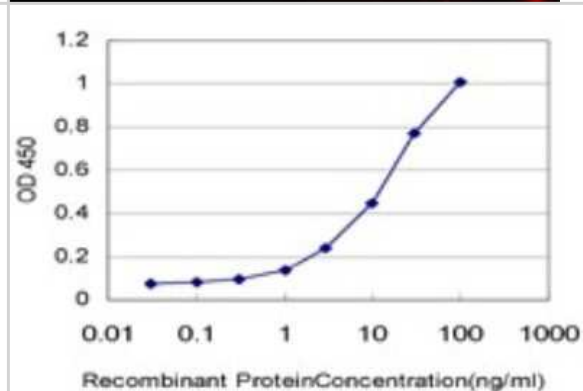
Proximity Ligation Assay: PTEN Antibody (2G9) [H00005728-M01] - Analysis of protein-protein interactions between PDGFRB and PTEN. HeLa cells were stained with anti-PDGFRB rabbit purified polyclonal 1:1200 and anti-PTEN mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Proximity Ligation Assay: PTEN Antibody (2G9) [H00005728-M01] - Analysis of protein-protein interactions between PXN and PTEN. Mahlavu cells were stained with anti-PXN rabbit purified polyclonal 1:1200 and anti-PTEN mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: PTEN Antibody (2G9) [H00005728-M01] - Detection limit for recombinant GST tagged PTEN is approximately 0.3ng/ml as a capture antibody.



Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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