

For Research Use Only

# PTEN Recombinant antibody, PBS Only



Catalog Number: 80718-7-PBS

## Basic Information

Catalog Number: 80718-7-PBS	GenBank Accession Number: BC005821	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 5728	CloneNo.: 240134F7
Source: Rabbit	UNIPROT ID: P60484	
Isotype: IgG	Full Name: phosphatase and tensin homolog	
Immunogen Catalog Number: AG17274	Calculated MW: 47 kDa	

## Applications

Tested Applications:  
IF, ELISA  
Species Specificity:  
Human

## Background Information

### 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:

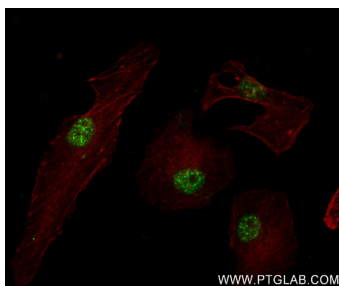
T: 4006900926

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

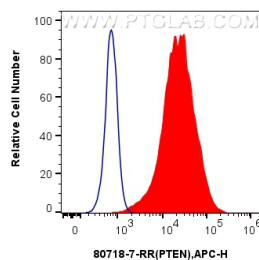
W: [ptgcn.com](http://ptgcn.com)

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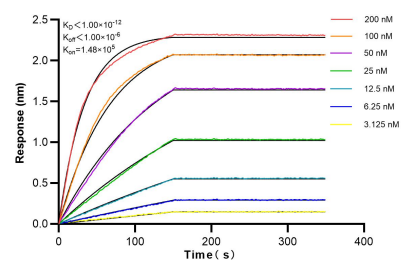
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PTEN antibody (80718-7-RR, Clone: 240134F7) at dilution of 1:300 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 80718-7-PBS in a different storage buffer formulation.



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.25 µg PTEN Recombinant antibody (80718-7-RR, Clone:240134F7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 µg Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 80718-7-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 80718-7-RR against Human PTEN were performed. The affinity constant is below 1 pM.