

For Research Use Only

# PTEN Recombinant antibody, PBS Only



Catalog Number: 80718-7-PBS

## Basic Information

<b>Catalog Number:</b> 80718-7-PBS	<b>GenBank Accession Number:</b> BC005821	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5728	<b>CloneNo.:</b> 240134F7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P60484	
<b>Isotype:</b> IgG	<b>Full Name:</b> phosphatase and tensin homolog	
<b>Immunogen Catalog Number:</b> AG17274	<b>Calculated MW:</b> 47 kDa	

## Applications

**Tested Applications:**  
IF, ELISA

**Species Specificity:**  
Human

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

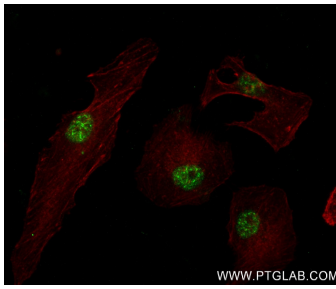
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

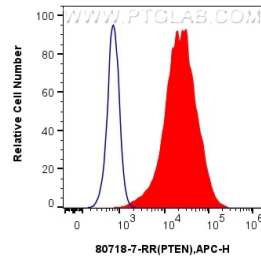
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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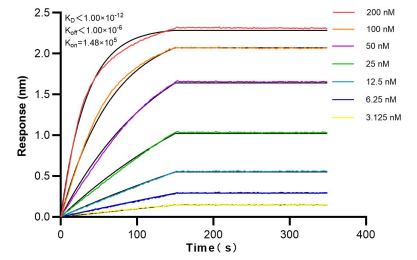
## Selected Validation Data



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.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.25  $\mu$ g PTEN Recombinant antibody (80718-7-RR, Clone:240134F7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25  $\mu$ g 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.



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