

For Research Use Only

# ZNF217 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84276-1-PBS



## Basic Information

<b>Catalog Number:</b> 84276-1-PBS	<b>GenBank Accession Number:</b> BC113427	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7764	<b>CloneNo.:</b> 241217E3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75362	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger protein 217	
<b>Immunogen Catalog Number:</b> AG19453	<b>Calculated MW:</b> 1048 aa, 115 kDa	
	<b>Observed MW:</b> ~ 130 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

84276-1-PBS targets ZNF217 as part of a matched antibody pair:

MP01357-1: 84276-1-PBS capture and 84276-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Background Information

Zinc finger protein 217 (ZNF217) is a member of the Krüppel-like factor transcription factor family. ZNF217 possesses a characteristic structure of zinc finger motifs and plays a crucial role in regulating the biological activities of cells. ZNF217 binds to DNA through its zinc fingers thereby targeting potential protein binding partners to specific sites in the genome. Recent findings have revealed that ZNF217 is strongly associated with multiple aspects of cancer progression, impacting patient prognosis. PMID: 38259608

## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

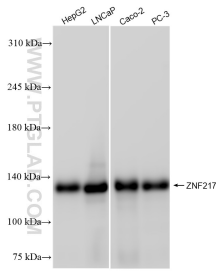
For technical support and original validation data for this product please contact:

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

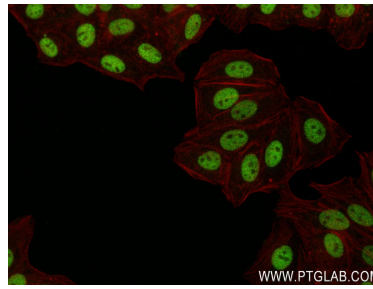
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

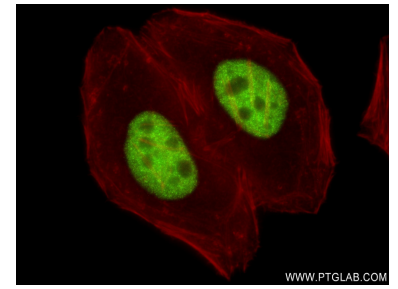
## Selected Validation Data



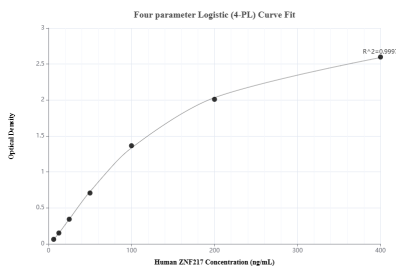
Various lysates were subjected to SDS PAGE followed by western blot with 84276-1-RR (ZNF217 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84276-1-PBS in a different storage buffer formulation.



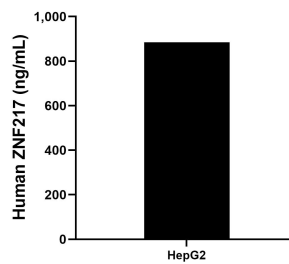
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ZNF217 antibody (84276-1-RR, Clone: 241217E3) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84276-1-PBS in a different storage buffer formulation.



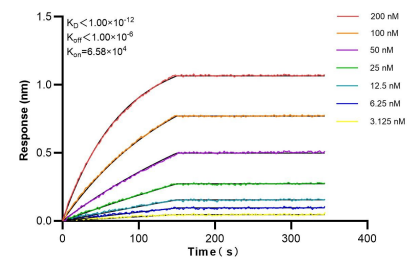
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ZNF217 antibody (84276-1-RR, Clone: 241217E3) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84276-1-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP01357-1, Human ZNF217 Recombinant Matched Antibody Pair - PBS only. 84276-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag19453. 84276-2-PBS was HRP conjugated as the detection antibody. Range: 6.25-400 ng/mL



The mean ZNF217 concentration was determined to be 885 ng/mL in HepG2 cell extract based on a 1.3 mg/mL extract load.



Biolayer interferometry (BLI) kinetic assays of 84276-1-RR against Human ZNF217 were performed. The affinity constant is below 1 pM.