

For Research Use Only

ZNF148 Recombinant antibody, PBS Only

Catalog Number: 84338-7-PBS



Basic Information

Catalog Number: 84338-7-PBS	GenBank Accession Number: BC035591	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 7707	CloneNo.: 241632D8
Source: Rabbit	UNIPROT ID: Q9UQR1	
Isotype: IgG	Full Name: zinc finger protein 148	
Immunogen Catalog Number: AG35742	Observed MW: 103 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

The Kruppel-like zinc finger protein 148 (ZNF148), also known as β enolase repressor factor 1 (BERF1, ZBP-89, and BFCOL1), encoded by this gene is a member of the Kruppel family of zinc finger DNA binding proteins. ZNF148 participates in the regulation of cell proliferation and death, and is expressed at lower levels in mammalian somatic cells, and highly expressed in tumor cells. Previous studies show that there was a significant correlation between ZNF148 expression and the invasion and metastasis of colorectal tumors. ZNF148 has two alternative splicing isoforms, which are ZNF148FL and ZNF148 Δ N. ZNF148FL contains a complete 794 amino acids, ZNF148 Δ N lacks the amino-terminal 129 amino acids, and the mechanisms involved in the generation of these two splicing isoforms are not yet clear (PMID: 30463804). Thus, ZNF148 can be observed to have two molecular weights near 103 kDa.

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:

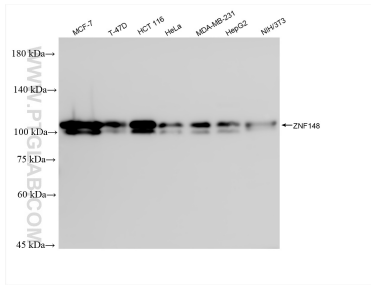
T: 4006900926

E: Proteintech-CN@ptglab.com

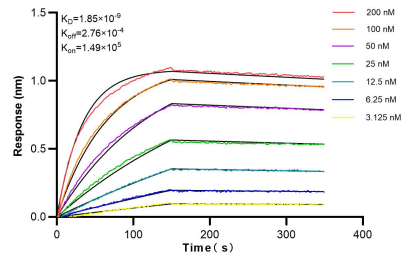
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84338-7-RR (ZNF148 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84338-7-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84338-7-RR against Human ZNF148 were performed. The affinity constant is 1.85 nM.