

For Research Use Only

# ZNF618 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84998-1-PBS



## Basic Information

Catalog Number:

84998-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36487

GenBank Accession Number:

NM\_001318042.1

GeneID (NCBI):

114991

UNIPROT ID:

Q5T7W0

Full Name:

zinc finger protein 618

Calculated MW:

105kDa, 954aa

Observed MW:

110-130 kDa

Purification Method:

Protein A purification

CloneNo.:

242566D9

## Applications

Tested Applications:

WB, Cytometric bead array, Indirect ELISA

Species Specificity:

human

## Background Information

Zinc finger protein 618 (ZNF618) is a key protein associated with DNA methylation and acts as a specific 5hmC reader in vivo to regulate UHRF2 function by promoting UHRF2 chromatin localization. In addition, ZNF618 is not only associated with the induction, maintenance or progression of female breast cancer, but is also up-regulated in lung cancer cells.

## 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:

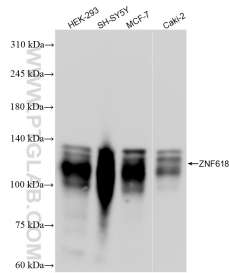
T: 4006900926

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

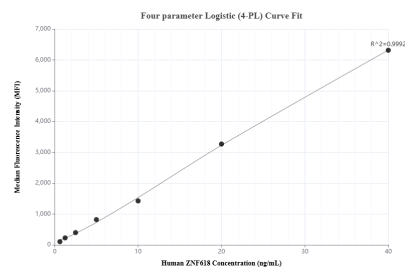
W: [ptgcn.com](http://ptgcn.com)

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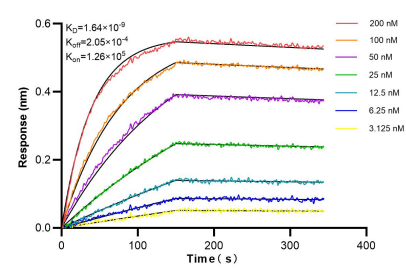
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84998-1-RR (ZNF618 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84998-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01753-2, ZNF618 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84998-1-PBS. Detection antibody: 84998-2-PBS. Standard: Ag36487. Range: 0.625-40 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 84998-1-RR against Human ZNF618 were performed. The affinity constant is 1.64 nM.