

For Research Use Only

DNMT1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82678-2-PBS



Basic Information

Catalog Number:

82678-2-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29479

GenBank Accession Number:

BC126227

GeneID (NCBI):

1786

UNIPROT ID:

P26358

Full Name:

DNA (cytosine-5-)-methyltransferase

1

Calculated MW:

1632 aa, 185 kDa

Purification Method:

Protein A purification

CloneNo.:

240302E2

Applications

Tested Applications:

WB, FC (Intra), Cytometric bead array, Indirect ELISA

Species Specificity:

human, rat

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:

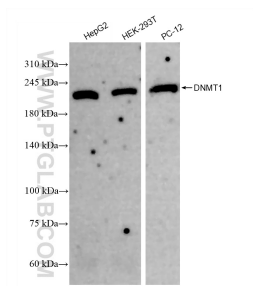
T: 4006900926

E: Proteintech-CN@ptglab.com

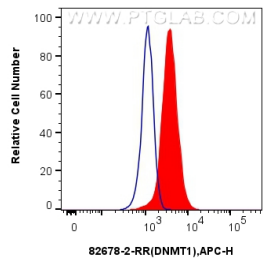
W: ptgcn.com

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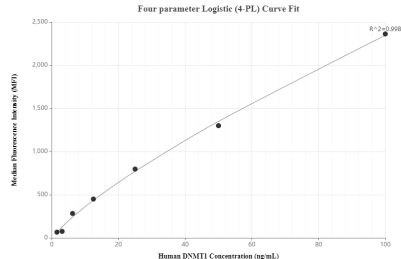
Selected Validation Data



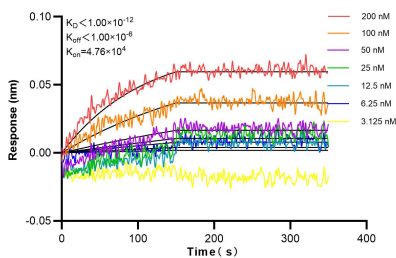
Various lysates were subjected to SDS PAGE followed by western blot with 82678-2-RR (DNMT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82678-2-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug DNMT1 Recombinant antibody (82678-2-RR, Clone:240302E2) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 82678-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00377-1, DNMT1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82678-3-PBS. Detection antibody: 82678-2-PBS. Standard: Ag29479. Range: 1.56-100 ng/mL.



Bi-layer interferometry (BLI) kinetic assays of 82678-2-RR against Human DNMT1 were performed. The affinity constant is below 1 pM.