

# DNMT3A Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01598-3**

## Capture Antibody Information

**Catalog Number:**  
81474-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242257D3  
**Reactivity:**  
human  
**GenBank:**  
BC043617  
**Immunogen Catalog Number:**  
Ag15111

**Conjugate:**  
Unconjugated  
**Full name:**  
DNA (cytosine-5-)-methyltransferase 3 alpha  
**Gene ID:**  
1788

## Detection Antibody Information

**Catalog Number:**  
81474-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242257E3  
**Reactivity:**  
human  
**GenBank:**  
BC043617  
**Immunogen Catalog Number:**  
Ag15111

**Conjugate:**  
Unconjugated  
**Full name:**  
DNA (cytosine-5-)-methyltransferase 3 alpha  
**Gene ID:**  
1788

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
19.5-1250 pg/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP01598-3 targets DNMT3A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: DNMT3A Recombinant antibody, PBS Only (Capture/Detector) 81474-2-PBS (242257D3). 100 µg. Concentration 1 mg/mL.

Detection antibody: DNMT3A Recombinant antibody, PBS Only (Capture/Detector) 81474-3-PBS (242257E3). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

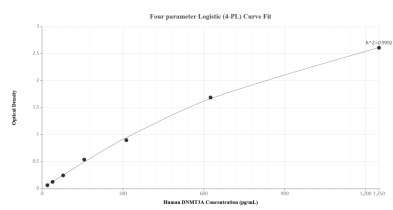
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

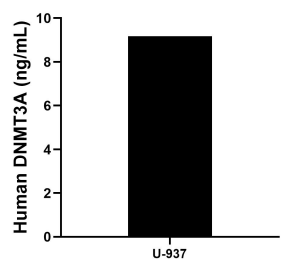
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

## Selected Validation Data



Sandwich ELISA standard curve of MP01598-3, Human DNMT3A Recombinant Matched Antibody Pair - PBS only. 81474-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag15111. 81474-3-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



The mean DNMT3A concentration was determined to be 9.2 ng/mL in U-937 cell extract based on a 3.0 mg/mL extract load.