

# phospho(409/410)-TDP43

## Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00589-1**

### Capture Antibody Information

**Catalog Number:**  
80007-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
6M10

**Reactivity:**  
human, mouse

**Conjugate:**  
Unconjugated

**Full name:**  
TAR DNA binding protein

**Gene ID:**  
23435

### Detection Antibody Information

**Catalog Number:**  
81350-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
5D17

**Reactivity:**  
human, mouse, rat

**GenBank:**  
BC001487

**Conjugate:**  
Unconjugated

**Full name:**  
TAR DNA binding protein

**Gene ID:**  
23435

### Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
N/A (Cytometric Bead Array)

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

### Product Information

MP00589-1 targets phospho(409/410)-TDP43 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Phospho-TDP43 (Ser409/410) Recombinant antibody, PBS Only (Capture) 80007-1-PBS (6M10). 100 µg. Concentration 1 mg/ml.

Detection antibody: TDP-43 (C-terminal) Recombinant antibody, PBS Only (Detector) 81350-1-PBS (5D17). 100 µg. Concentration 1 mg/ml.

Alternative phospho(409/410)-TDP43 matched antibody pairs: MP00589-2

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.

**Storage buffer:**  
PBS only

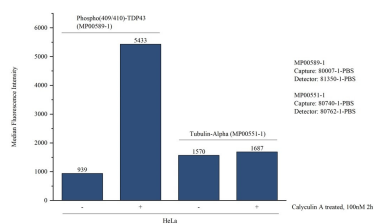
For technical support and original validation data for this product please contact:

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# Selected Validation Data



Cytometric bead array in cell lysate using MP00589-1, phospho(409/410)-TDP43 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 80007-1-PBS. Detection antibody: 81350-1-PBS. Cell lysate(30µg/well): Non-treated HeLa and Calyculin A treated HeLa cells were lysed in 8M urea buffer and diluted in assay buffer. Non-related target Tubulin-Alpha Recombinant Matched Antibody Pair (MP00551-1) was served as control.