

# ATG7 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP51585-1**

## Capture Antibody Information

**Catalog Number:**  
67341-3-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
3E6F8  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag29172

**Conjugate:**  
Unconjugated  
**Full name:**  
ATG7 autophagy related 7 homolog (S. cerevisiae)  
**Gene ID:**  
10533

## Detection Antibody Information

**Catalog Number:**  
67341-4-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
2B12C5  
**Reactivity:**  
human  
**GenBank:**  
BC000091  
**Immunogen Catalog Number:**  
Ag29172

**Conjugate:**  
Unconjugated  
**Full name:**  
ATG7 autophagy related 7 homolog (S. cerevisiae)  
**Gene ID:**  
10533

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
1.563-200 ng/mL (Cytometric Bead Array)

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

## Product Information

MP51585-1 targets ATG7 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: ATG7 Monoclonal antibody, PBS Only (Capture) 67341-3-PBS (3E6F8). 100 µg. Concentration 1 mg/mL.

Detection antibody: ATG7 Monoclonal antibody, PBS Only (Detector) 67341-4-PBS (2B12C5). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

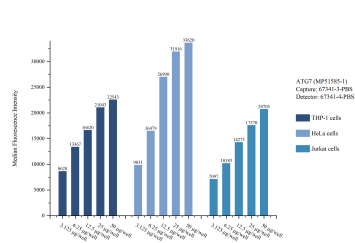
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

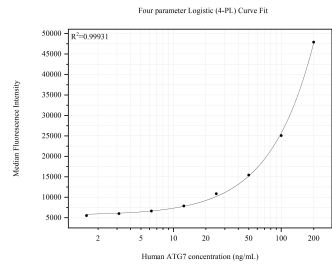
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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Selected Validation Data



Cytometric bead array sample test of MP51585-1, ATG7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67341-3-PBS. Detection antibody: 67341-4-PBS.



Cytometric bead array standard curve of MP51585-1, ATG7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67341-3-PBS. Detection antibody: 67341-4-PBS. Standard: Ag29172. Range: 1.563-200 ng/mL.