

# c-MYC Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50347-2**

## Capture Antibody Information

**Catalog Number:**  
67447-4-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
1G7G1  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag17519

**Conjugate:**  
Unconjugated  
**Full name:**  
v-myc myelocytomatosis viral oncogene homolog (avian)  
**Gene ID:**  
4609

## Detection Antibody Information

**Catalog Number:**  
67447-5-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
2B5C5  
**Reactivity:**  
human  
**GenBank:**  
BC000141  
**Immunogen Catalog Number:**  
Ag17519

**Conjugate:**  
Unconjugated  
**Full name:**  
v-myc myelocytomatosis viral oncogene homolog (avian)  
**Gene ID:**  
4609

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
0.781-50 ng/mL (Cytometric Bead Array)  
78.1-5000 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

MP50347-2 targets c-MYC in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: MYC Monoclonal antibody, PBS Only (Capture) 67447-4-PBS (1G7G1). 100 µg. Concentration 1 mg/mL.

Detection antibody: MYC Monoclonal antibody, PBS Only (Detector) 67447-5-PBS (2B5C5). 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

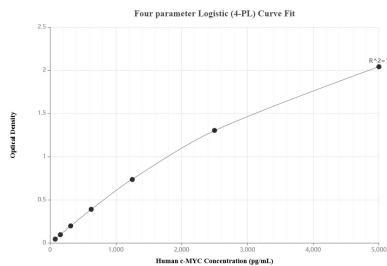
For technical support and original validation data for this product please contact:

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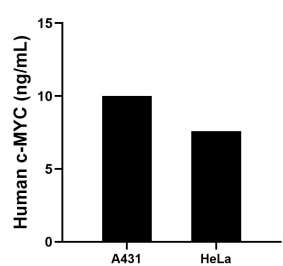
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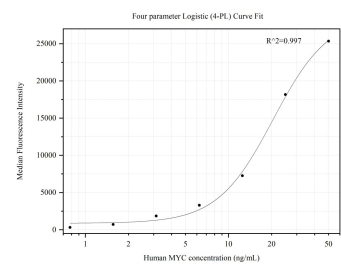
## Selected Validation Data



Sandwich ELISA standard curve of MP50347-2, Human c-MYC Monoclonal Matched Antibody Pair - PBS only. 67447-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17519. 67447-5-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean c-MYC concentration was determined to be 10.0 ng/mL in A431 cell extract based on a 1.5 mg/mL extract load and 7.6 ng/mL in HeLa cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP50347-2, MYC Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67447-4-PBS. Detection antibody: 67447-5-PBS. Standard: Ag17519. Range: 0.781-50 ng/mL