

# DNA ligase III/LIG3 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50683-2**

## Capture Antibody Information

**Catalog Number:**  
68810-1-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
1B10B3  
**Reactivity:**  
human, mouse, rat  
**GenBank:**  
BC068005  
**Immunogen Catalog Number:**  
Ag31484

**Conjugate:**  
Unconjugated  
**Full name:**  
ligase III, DNA, ATP-dependent  
**Gene ID:**  
3980

## Detection Antibody Information

**Catalog Number:**  
68810-3-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
1D12D3  
**Reactivity:**  
human  
**GenBank:**  
BC068005  
**Immunogen Catalog Number:**  
Ag31484

**Conjugate:**  
Unconjugated  
**Full name:**  
ligase III, DNA, ATP-dependent  
**Gene ID:**  
3980

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
1.563-100 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

MP50683-2 targets DNA ligase III/LIG3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: DNA ligase III/LIG3 Monoclonal antibody, PBS Only (Capture) 68810-1-PBS (1B10B3). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: DNA ligase III/LIG3 Monoclonal antibody, PBS Only (Detector) 68810-3-PBS (1D12D3). 100  $\mu$ g. Concentration 1 mg/mL.

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

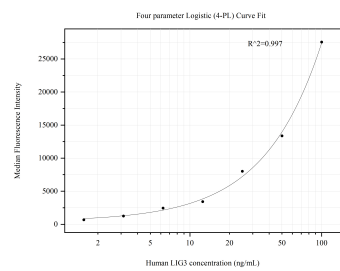
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

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

# Selected Validation Data



Cytometric bead array standard curve of MP50683-2, DNA ligase III/LIG3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68810-1-PBS. Detection antibody: 68810-3-PBS. Standard:Ag31484. Range: 1.563-100 ng/mL