

# Desmin Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50204-1**

## Capture Antibody Information

Catalog Number:  
60226-2-PBS  
Host:  
Mouse  
Isotype:  
IgG1  
Purification Method:  
Protein G purification

Clone ID:  
6E2G10  
Reactivity:  
human  
GenBank:  
BC032116  
Immunogen Catalog Number:  
Ag9675

Conjugate:  
Unconjugated  
Full name:  
desmin  
Gene ID:  
1674

## Detection Antibody Information

Catalog Number:  
60226-3-PBS  
Host:  
Mouse  
Isotype:  
IgG1  
Purification Method:  
Protein G purification

Clone ID:  
4A8D4  
Reactivity:  
human  
GenBank:  
BC032116  
Immunogen Catalog Number:  
Ag9675

Conjugate:  
Unconjugated  
Full name:  
desmin  
Gene ID:  
1674

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
62.5-4000 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

MP50204-1 targets Desmin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Desmin Monoclonal antibody, PBS Only (Capture) 60226-2-PBS (6E2G10). 100 µg. Concentration 1 mg/mL.

Detection antibody: Desmin Monoclonal antibody, PBS Only (Detector) 60226-3-PBS (4A8D4). 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.

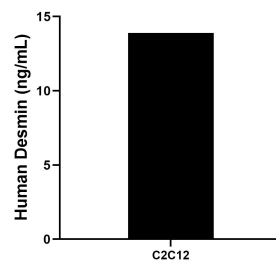
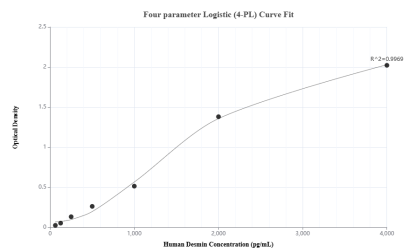
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

Storage:  
Store at -80°C.  
**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 MP50204-1, Human Desmin Monoclonal Matched Antibody Pair - PBS only. 60226-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9675. 60226-3-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL

The mean Desmin concentration was determined to be 13.90 ng/mL in C2C12 cell extract based on a 3.0 mg/mL extract load.