

# Mouse Transferrin Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02020-3**

## Capture Antibody Information

**Catalog Number:**  
85666-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242555B12  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_133977.2

**Conjugate:**  
Unconjugated  
**Full name:**  
transferrin  
**Gene ID:**  
22041

## Detection Antibody Information

**Catalog Number:**  
85666-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242555B5  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_133977.2

**Conjugate:**  
Unconjugated  
**Full name:**  
transferrin  
**Gene ID:**  
22041

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.313-20 ng/mL (Sandwich ELISA)

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

## Product Information

MP02020-3 targets Transferrin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Transferrin Recombinant antibody, PBS Only (Capture) 85666-3-PBS (242555B12). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Transferrin Recombinant antibody, PBS Only (Detector) 85666-4-PBS (242555B5). 100 µg. Concentration 1 mg/mL.

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.

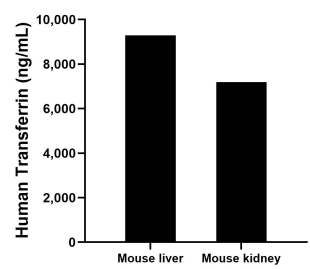
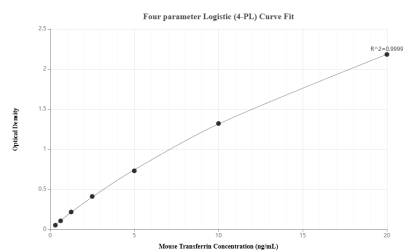
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**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 MP02020-3, Mouse Transferrin Recombinant Matched Antibody Pair - PBS only. 85666-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1066. 85666-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL

The mean Transferrin concentration was determined to be 9,288.09 ng/mL in mouse liver tissue extract based on a 3.7 mg/mL extract load and 7,196.97 ng/mL in mouse kidney tissue extract based on a 3.1 mg/mL extract load.