

# Mouse CD134/OX40 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02005-3**

## Capture Antibody Information

**Catalog Number:**  
85620-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242901A7  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_011659.2

**Conjugate:**  
Unconjugated  
**Full name:**  
tumor necrosis factor receptor superfamily, member 4  
**Gene ID:**  
22163

## Detection Antibody Information

**Catalog Number:**  
85620-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242901D6  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_011659.2

**Conjugate:**  
Unconjugated  
**Full name:**  
tumor necrosis factor receptor superfamily, member 4  
**Gene ID:**  
22163

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.156-10 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

MP02005-3 targets CD134/OX40 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Tnfrsf4 Recombinant antibody, PBS Only (Capture/Detector) 85620-2-PBS (242901A7). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Tnfrsf4 Recombinant antibody, PBS Only (Detector) 85620-1-PBS (242901D6). 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.

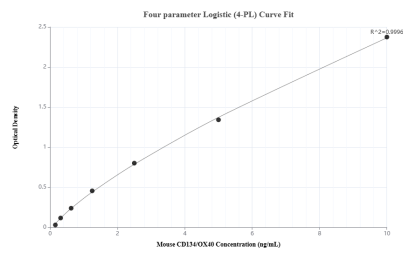
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

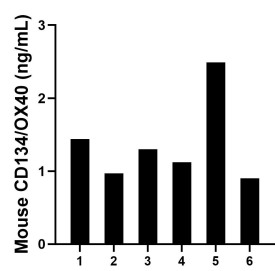
## Storage

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

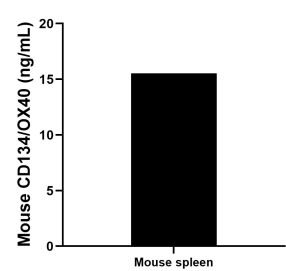
## Selected Validation Data



Sandwich ELISA standard curve of MP02005-3, Mouse CD134/OX40 Recombinant Matched Antibody Pair - PBS only. 85620-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2936. 85620-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Serum of six mice was measured. The mouse CD134/OX40 concentration of detected samples was determined to be 1.37 ng/mL with a range of 0.90 - 2.49 ng/mL.



The mean CD134/OX40 concentration was determined to be 15.54 ng/mL in mouse spleen tissue extract based on a 8.4 mg/mL extract load.