

TNF-alpha Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50093-1**

Capture Antibody Information

Catalog Number:
68740-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2E5G4
Reactivity:
human
GenBank:
Immunogen Catalog Number:
HZ-1014

Conjugate:
Unconjugated
Full name:
tumor necrosis factor (TNF superfamily, member 2)
Gene ID:
7124
Affinity:
 $K_D = 2.43 \times 10^{-9}$
 $K_{off} = 7.28 \times 10^{-5}$
 $K_{on} = 3.00 \times 10^4$

Detection Antibody Information

Catalog Number:
68740-2-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
1B2C2
Reactivity:
human
GenBank:
Immunogen Catalog Number:
HZ-1014

Conjugate:
Unconjugated
Full name:
tumor necrosis factor (TNF superfamily, member 2)
Gene ID:
7124
Affinity:
 $K_D = 3.74 \times 10^{-10}$
 $K_{off} = 2.28 \times 10^{-6}$
 $K_{on} = 6.11 \times 10^3$

Applications

Tested Applications:
Sandwich ELISA

Range:
0.020-5 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

MP50093-1 targets TNF-alpha in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TNF alpha Monoclonal antibody, PBS Only (Capture) 68740-1-PBS (2E5G4). 100 µg. Concentration 1 mg/mL.

Detection antibody: TNF-alpha Monoclonal antibody, PBS Only (Detector) 68740-2-PBS (1B2C2). 100 µg. Concentration 1 mg/mL.

Alternative TNF-alpha matched antibody pairs: MP00682-1, MP00682-2, MP00682-3, MP00702-1, MP00702-2, MP00702-3, MP00702-4

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

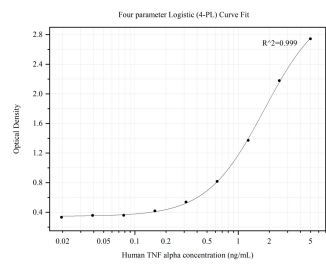
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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 MP50093-1, TNF alpha Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68740-1-PBS. Detection antibody: HRP-conjugated 68740-2-PBS. Standard:HZ-1014. Range:0.020-5 ng/mL