

For Research Use Only



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

Immunogen Catalog Number:

HZ-1014

Conjugate:

Unconjugated

Full name:

tumor necrosis factor (TNF superfamily, member 2)

Gene ID:

7124

Affinity:

$K_D = 2.43 \times 10^{-9}M$

$K_{Off} = 7.28 \times 10^{-5}M$

$K_{On} = 3.00 \times 10^4M$

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:

$K_D = 3.74 \times 10^{-10}M$

$K_{Off} = 2.28 \times 10^{-6}M$

$K_{On} = 6.11 \times 10^3M$

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.

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) 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.

Storage buffer:

PBS only

For technical support and original validation data for this product please contact:

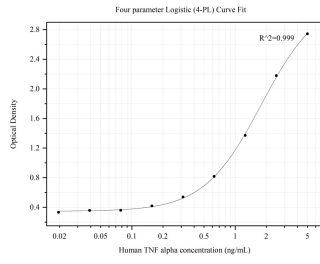
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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