

For Research Use Only

Rat TNF-alpha Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02049-1

Capture Antibody Information

Catalog Number:
82863-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
5H8
Reactivity:
rat

Conjugate:
Unconjugated
Full name:
tumor necrosis factor (TNF superfamily, member 2)
Gene ID:
24835

Detection Antibody Information

Catalog Number:
82863-7-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
5G5
Reactivity:
rat
GenBank:
BC107671

Conjugate:
Unconjugated
Full name:
tumor necrosis factor (TNF superfamily, member 2)
Gene ID:
24835

Applications

Tested Applications:
Sandwich ELISA

Range:
7.81-500 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

MP02049-1 targets TNF-alpha in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat TNF-alpha Recombinant antibody, PBS Only (Capture) 82863-3-PBS (5H8). 100 µg. Concentration 1 mg/mL.

Detection antibody: Rat TNF-alpha Recombinant antibody, PBS Only (Detector) 82863-7-PBS (5G5). 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.
Storage buffer:
PBS only

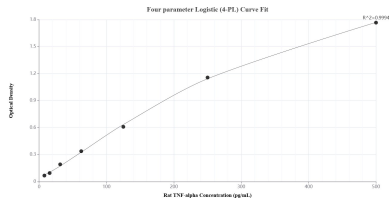
For technical support and original validation data for this product please contact:

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

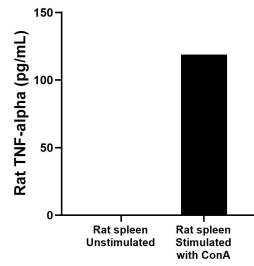
E: proteintech@ptglab.com
W: ptglab.com

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 MP02049-1, Rat TNF-alpha Recombinant Matched Antibody Pair - PBS only. 82863-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg31374. 82863-7-PBS was HRP conjugated as the detection antibody. Range: 7.81-500 pg/mL



Rat spleens were cut into 1-2 mm pieces and cultured unstimulated or stimulated with 5 µg/mL ConA for 2 days. The mean TNF-alpha concentration was not determined in unstimulated supernatant, 118.8 pg/mL in ConA stimulated supernatant.