

Mouse TGF beta 1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02612-1**

Capture Antibody Information

Catalog Number:

80772-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

250513D9

Reactivity:

mouse

Immunogen Catalog Number:

Eg3734

Conjugate:

Unconjugated

Full name:

transforming growth factor, beta 1

Gene ID:

21803

Detection Antibody Information

Catalog Number:

80772-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

250513H7

Reactivity:

mouse

GenBank:

NM-011577

Immunogen Catalog Number:

Eg3734

Conjugate:

Unconjugated

Full name:

transforming growth factor, beta 1

Gene ID:

21803

Applications

Tested Applications:

Sandwich ELISA

Range:

97.7-6250 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

MP02612-1 targets TGF beta 1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Tgfb1 Recombinant monoclonal antibody, PBS Only (Capture) 80772-3-PBS (250513D9).
100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Tgfb1 Recombinant monoclonal antibody, PBS Only (Detector) 80772-2-PBS (250513H7).
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

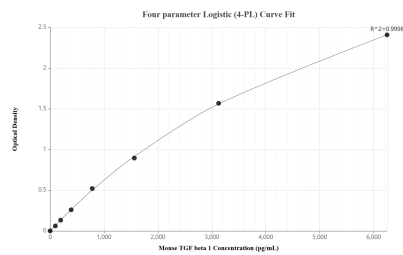
For technical support and original validation data for this product please contact:

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

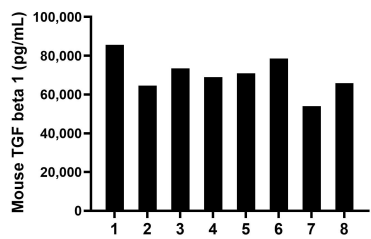
E: proteintech@ptglab.com
W: ptglab.com

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

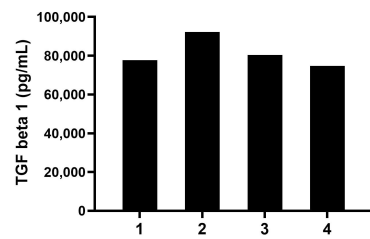
Selected Validation Data



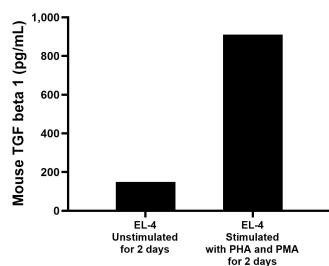
Sandwich ELISA standard curve of MP02612-1, Mouse TGF beta 1 Recombinant Matched Antibody Pair - PBS only. 80772-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3734. 80772-2-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL



Serum of eight mice was measured. The TGF beta 1 concentration of detected samples was determined to be 70,216.9 pg/mL with a range of 53,973.4-85,638.9 pg/mL



Serum of four rats was measured. The TGF beta 1 concentration of detected samples was determined to be 81,248.9 pg/mL with a range of 74,720.4-92,272.7 pg/mL



EL-4 cells were cultured unstimulated or stimulated with 10 µg/mL PHA and 10 ng/mL PMA for 2 days. The mean TGF beta 1 concentration was determined to be 148.8 pg/mL in unstimulated EL-4 supernatant, 911.2 pg/mL in PHA and PMA stimulated EL-4 supernatant.