

For Research Use Only

Mouse Tgfb1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 80772-2-PBS



Basic Information

Catalog Number: 80772-2-PBS	GenBank Accession Number: NM-011577	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 21803	CloneNo.: 250513H7
Source: Rabbit	UNIPROT ID: P04202	
Isotype: IgG	Full Name: transforming growth factor, beta 1	
Immunogen Catalog Number: EG3734		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

80772-2-PBS targets Tgfb1 as part of a matched antibody pair:

MP02612-1: 80772-3-PBS capture and 80772-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

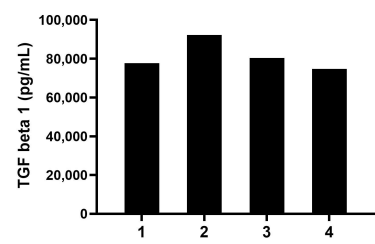
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

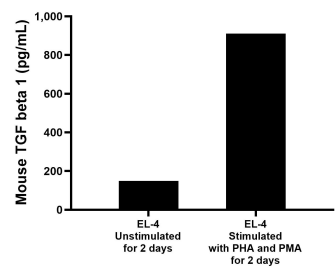
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

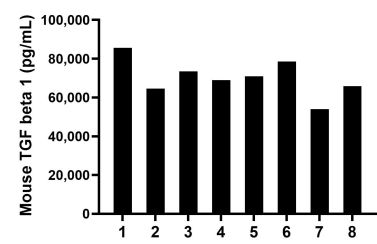
Selected Validation Data



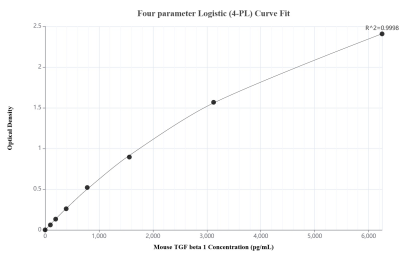
Serum of four rats was measured. The TGF beta 1 concentration of detected samples was determined to be 81,248.9 pg/mL with a range of 74,720.4-92,272.7 pg/mL.



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.



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.



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.