

For Research Use Only

Mouse DFNA5/GSDME Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02686-1**

Capture Antibody Information

| | | | | |
|-----------------------------|------------------------|----------------------------------|----------|---|
| Catalog Number: | 82955-3-PBS | Clone ID: | 251415D4 | Conjugate: |
| Host: | Rabbit | Reactivity: | mouse | Unconjugated |
| Isotype: | IgG | Immunogen Catalog Number: | Ag33622 | Full name: deafness, autosomal dominant 5 (human) |
| Purification Method: | Protein A purification | | | Gene ID: 54722 |

Detection Antibody Information

| | | | | |
|-----------------------------|------------------------|----------------------------------|------------|---|
| Catalog Number: | 82955-2-PBS | Clone ID: | 251415B1 | Conjugate: |
| Host: | Rabbit | Reactivity: | mouse, rat | Unconjugated |
| Isotype: | IgG | GenBank: | BC132303 | Full name: deafness, autosomal dominant 5 (human) |
| Purification Method: | Protein A purification | Immunogen Catalog Number: | Ag33622 | Gene ID: 54722 |

Applications

| | | | | |
|-----------------------------|----------------|---------------|---------------------------------|--|
| Tested Applications: | Sandwich ELISA | Range: | 0.391-25 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

MP02686-1 targets DFNA5/GSDME in immunoassays as a matched antibody pair. Validated in Sandwich ELISA. Capture antibody: Mouse Dfna5 Recombinant monoclonal antibody, PBS Only (Capture) 82955-3-PBS (251415D4). 100 µg. Concentration 1 mg/ml. Detection antibody: Mouse DFNA5/GSDME Recombinant monoclonal antibody, PBS Only (Detector) 82955-2-PBS (251415B1). 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.

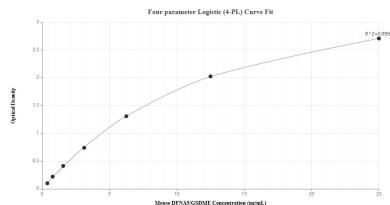
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

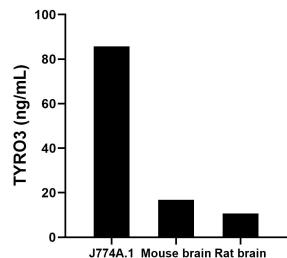
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 MP02686-1, Mouse DFNA5/GSDME Recombinant Matched Antibody Pair - PBS only. 82955-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag33622. 82955-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean DFNA5/GSDME concentration was determined to be 85.78 ng/mL in J774A.1 cell extract based on a 1.3 mg/mL extract load, 16.86 ng/mL in mouse brain tissue extract based on a 7.0 mg/mL extract load and 10.69 ng/mL in rat brain tissue extract based on a 8.2 mg/mL extract load.