

For Research Use Only

# Mouse Dfna5 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 82955-3-PBS



## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>82955-3-PBS                       | <b>GenBank Accession Number:</b><br>BC132303                | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>54722                              | <b>CloneNo.:</b><br>251415D4                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>Q9Z2D3                                |   |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>deafness, autosomal dominant 5 (human) |   |
| <b>Immunogen Catalog Number:</b><br>AG33622                 | <b>Calculated MW:</b><br>57 kDa                             |   |

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
mouse

## Product Information

82955-3-PBS targets Dfna5 as part of a matched antibody pair:

MP02686-1: 82955-3-PBS capture and 82955-2-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.

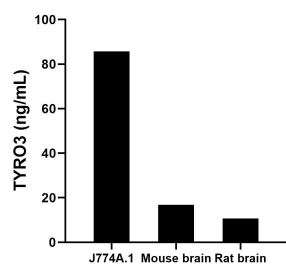
## Storage

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

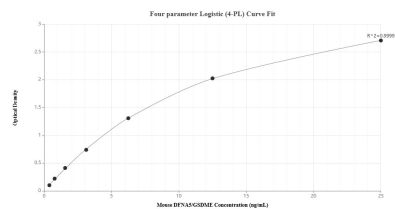
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



The mean DFNA5/GSDME concentration was determined to be 85.78 ng/mL in J744A.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.



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