

For Research Use Only

Mouse Dfna5 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 82955-3-PBS



Basic Information

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

MPO2686-1: 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

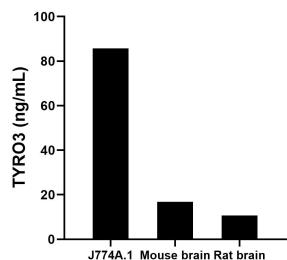
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

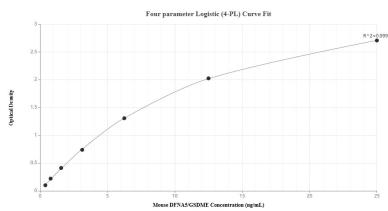
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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