For Research Use Only

Rat Progranulin/PGRN Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:88653-4-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
88653-4-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3241

GenBank Accession Number:

GeneID (NCBI):
29143

UNIPROT ID:
P23785

Full Name:
granulin

Calculated MW:
63 kDa

Purification Method:
Protein A purification

CloneNo.:
261239C11

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
rat

Product Information

88653-4-PBS targets Progranulin/PGRN as part of a matched antibody pair:

MP03625-2: 88653-5-PBS capture and 88653-4-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.

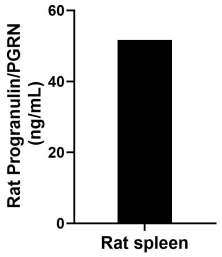
Storage

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

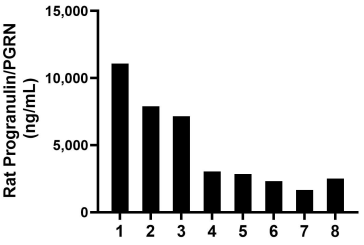
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

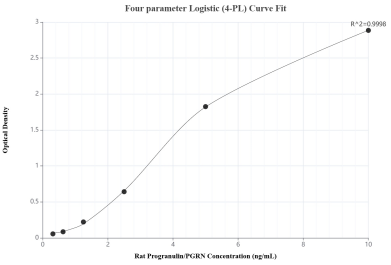
Selected Validation Data



One rat spleen was cultured for 18 hours in RPMI 1640 supplemented with 10% fetal bovine serum, 50 uM β-mercaptoethanol, 2 mM L-glutamine, and 100 ug/mL of streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for rat Progranulin/PGRN and measured 51.70 ng/mL.



Serum of eight rats was measured. The Progranulin/PGRN concentration of detected samples was determined to be 4,812.03 ng/mL with a range of 1,661.35-11,089.45 ng/mL.



Sandwich ELISA standard curve of MP03625-2, Rat Progranulin/PGRN Recombinant Matched Antibody Pair - PBS only. 88653-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3241. 88653-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-10 ng/mL.