For Research Use Only

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

Catalog Number:88653-4-PBS

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Basic Information

Catalog Number:
88653-4-PBS

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

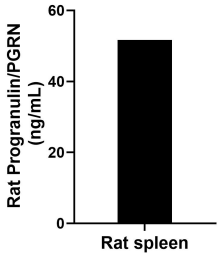
Species Specificity:
rat

Background Information

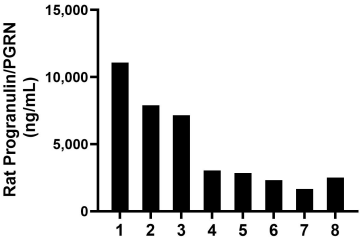
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

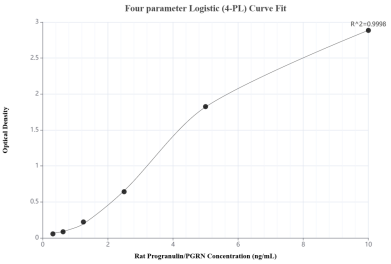
Selected Validation Data



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.