For Research Use Only

Rat CD5 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:88935-4-PBS

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Basic Information

Catalog Number:
88935-4-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG9782

GenBank Accession Number:
NM_019295.1

GeneID (NCBI):
54236

UNIPROT ID:
P51882

Full Name:
Cd5 molecule

Calculated MW:
53 kDa

Purification Method:
Protein A purification

CloneNo.:
261682B4

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
rat

Product Information

88935-4-PBS targets CD5 as part of a matched antibody pair:

MP03736-2: 88935-5-PBS capture and 88935-4-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.

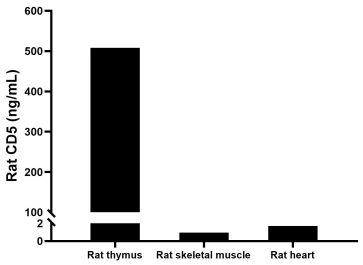
Storage

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

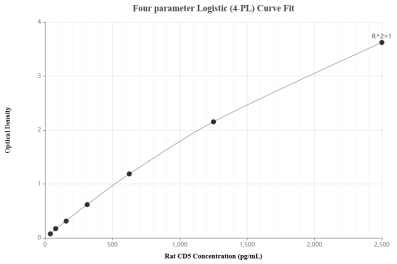
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean CD5 concentration was determined to be 507.93 ng/mL in rat thymus tissue extract based on a 4.0 mg/mL extract load, 0.95 ng/mL in rat skeletal muscle tissue extract based on a 4.7 mg/mL extract load and 1.72 ng/mL in rat heart tissue extract based on a 6.7 mg/mL extract load.



Sandwich ELISA standard curve of MP03736-2, Rat CD5 Recombinant Matched Antibody Pair - PBS only. 88935-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9782. 88935-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL