For Research Use Only

SLC12A1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87210-3-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
87210-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5325

GenBank Accession Number:
BC040138

GeneID (NCBI):
6557

UNIPROT ID:
Q13621

Full Name:
solute carrier family 12 (sodium/potassium/chloride transporters), member 1

Calculated MW:
121 kDa

Purification Method:
Protein A purification

CloneNo.:
252363G10

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87210-3-PBS targets SLC12A1 as part of a matched antibody pair:

MP03191-1: 87210-3-PBS capture and 87210-2-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.

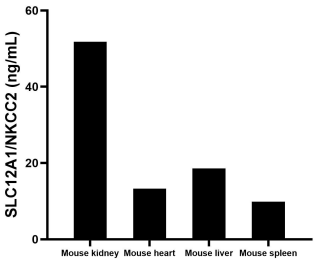
Storage

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

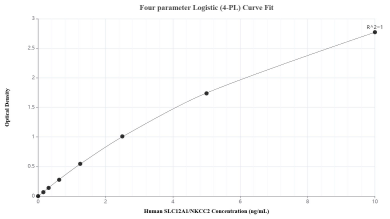
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean SLC12A1/NKCC2 concentration was determined to be 51.78 ng/mL in mouse kidney tissue extract based on a 8.40 mg/mL extract load, 13.25 ng/mL in mouse heart tissue extract based on a 5.40 mg/mL extract load, 18.62 ng/mL in mouse liver tissue extract based on a 8.40 mg/mL extract load and 9.84 ng/mL in mouse spleen tissue extract based on a 6.40 mg/mL extract load.



Sandwich ELISA standard curve of MP03191-1, Human SLC12A1/NKCC2 Recombinant Matched Antibody Pair - PBS only. 87210-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5325. 87210-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.