For Research Use Only

SLC12A1/NKCC2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03191-1

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

Capture Antibody Information

Catalog Number:
87210-3-PBS

Clone ID:
252363G10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

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

Isotype:
IgG

Immunogen Catalog Number:
Ag5325

Gene ID:
6557

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
87210-2-PBS

Clone ID:
252363A10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

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

Isotype:
IgG

GenBank:
BC040138

Gene ID:
6557

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag5325

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03191-1 targets SLC12A1/NKCC2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SLC12A1 Recombinant monoclonal antibody, PBS Only (Capture) 87210-3-PBS (252363G10). 100 µg. Concentration 1 mg/ml.

Detection antibody: SLC12A1 Recombinant monoclonal antibody, PBS Only (Detector) 87210-2-PBS (252363A10). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

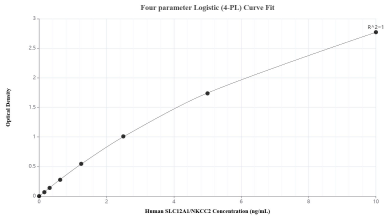
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

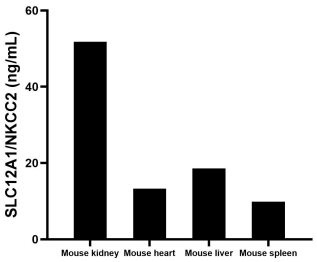
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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.