For Research Use Only

TRPC5 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03320-1

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Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
87978-3-PBS

Clone ID:
260014B12

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
transient receptor potential cation channel, subfamily C, member 5

Isotype:
IgG

GenBank:
BC137271

Gene ID:
7224

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag23271

Detection Antibody Information

Catalog Number:
87978-2-PBS

Clone ID:
260014D6

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
transient receptor potential cation channel, subfamily C, member 5

Isotype:
IgG

GenBank:
BC137271

Gene ID:
7224

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag23271

Applications

Tested Applications:
Cytometric bead array

Range:
0.469-60 ng/mL (Cytometric Bead Array)

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

Product Information

MP03320-1 targets TRPC5 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: TRPC5 Recombinant monoclonal antibody, PBS Only (Capture) 87978-3-PBS (260014B12). 100 μg. Concentration 1 mg/ml.

Detection antibody: TRPC5 Recombinant monoclonal antibody, PBS Only (Detector) 87978-2-PBS (260014D6). 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.

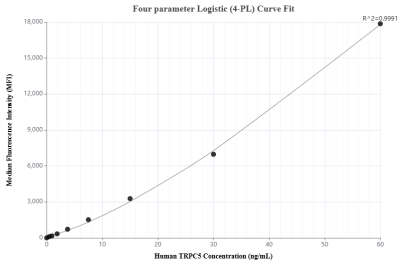
Storage

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

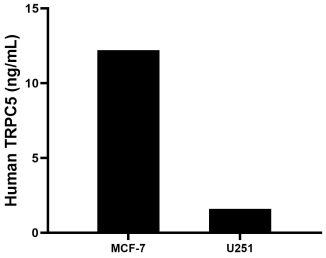
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



Cytometric bead array standard curve of MP03320-1, TRPC5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87978-3-PBS. Detection antibody: 87978-2-PBS. Standard: Ag23271. Range: 0.469-60 ng/mL.



The mean TRPC5 concentration was determined to be 12.2 ng/mL in MCF-7 cell extract based on a 1.5 mg/mL extract load, 1.6 ng/mL in U251 cell extract based on a 1.5 mg/mL extract load.