For Research Use Only

TRPC5 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:87978-2-PBS

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

Basic Information

Catalog Number:
87978-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG23271

GenBank Accession Number:
BC137271

GeneID (NCBI):
7224

UNIPROT ID:
Q9UL62

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

Calculated MW:
111 kDa

Purification Method:
Protein A purification

CloneNo.:
260014D6

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87978-2-PBS targets TRPC5 as part of a matched antibody pair:

MP03320-1: 87978-3-PBS capture and 87978-2-PBS detection (validated in Cytometric bead array)

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.

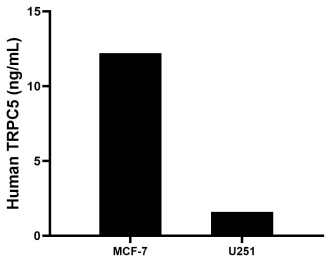
Storage

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

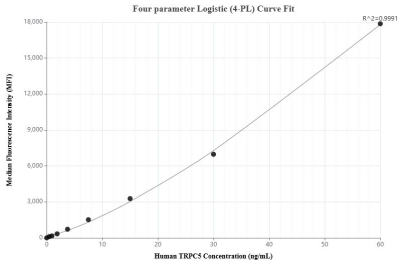
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean 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.



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.