

For Research Use Only

PRKG1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02943-1**

Capture Antibody Information

Catalog Number:	85983-1-PBS	Clone ID:	250348B5	Conjugate:	Unconjugated
Host:	Rabbit	Reactivity:	human, mouse, rat	Full name:	protein kinase, cGMP-dependent, type I
Isotype:	IgG	GenBank:	BC127090	Gene ID:	5592
Purification Method:	Protein A purification	Immunogen Catalog Number:	Ag16333		

Detection Antibody Information

Catalog Number:	85983-2-PBS	Clone ID:	250348B12	Conjugate:	Unconjugated
Host:	Rabbit	Reactivity:	human	Full name:	protein kinase, cGMP-dependent, type I
Isotype:	IgG	GenBank:	BC127090	Gene ID:	5592
Purification Method:	Protein A purification	Immunogen Catalog Number:	Ag16333		

Applications

Tested Applications:	Cytometric bead array	Range:	0.625-80 ng/mL (Cytometric Bead Array)	Recommended Dilutions:	It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP02943-1 targets PRKG1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array. Capture antibody: PRKG1 Recombinant monoclonal antibody, PBS Only (Capture) 85983-1-PBS (250348B5). 100 µg. Concentration 1 mg/ml. Detection antibody: PRKG1 Recombinant monoclonal antibody, PBS Only (Detector) 85983-2-PBS (250348B12). 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:

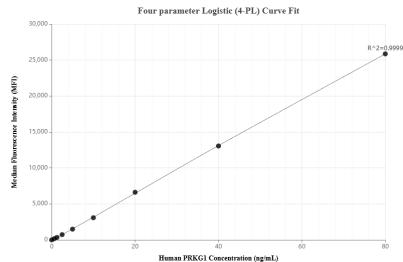
T: 4006900926

E: Proteintech-CN@ptgcn.com

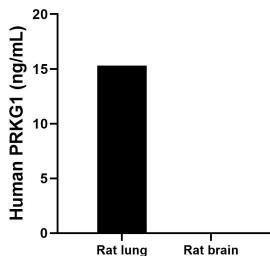
W: ptgcn.com

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 MP02943-1, PRKG1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85983-1-PBS. Detection antibody: 85983-2-PBS. Standard: Ag16333. Range: 0.625-80 ng/mL.



The mean PRKG1 concentration was determined to be 15.3 ng/mL in Rat lung tissue extract based on a 4.8 mg/mL extract load. Rat brain tissue extract were served as a negative control.