

For Research Use Only

PRKG1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 85983-2-PBS



Basic Information

Catalog Number:	85983-2-PBS	GenBank Accession Number:	BC127090	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	5592	CloneNo.:	250348B12
Source:	Rabbit	UNIPROT ID:	Q13976		
Isotype:	IgG	Full Name:	protein kinase, cGMP-dependent, type I		
Immunogen Catalog Number:	AG16333	Calculated MW:	686 aa, 78 kDa		

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

85983-2-PBS targets PRKG1 as part of a matched antibody pair:

MPO2943-1: 85983-1-PBS capture and 85983-2-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

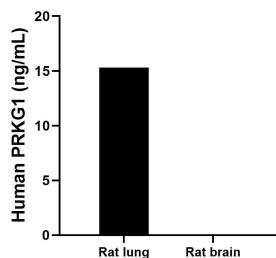
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

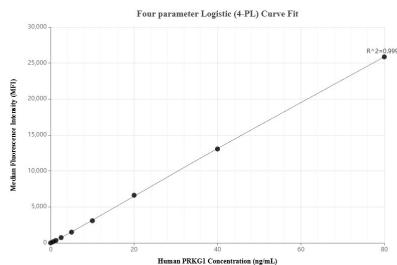
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean 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.



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