

For Research Use Only

PRKAG2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84169-1-PBS



Basic Information

Catalog Number: 84169-1-PBS	GenBank Accession Number: BC020540	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 51422	CloneNo.: 241253A10
Source: Rabbit	UNIPROT ID: Q9UGJ0	
Isotype: IgG	Full Name: protein kinase, AMP-activated, gamma 2 non-catalytic subunit	
Immunogen Catalog Number: AG3214	Calculated MW: 569 aa, 63 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

84169-1-PBS targets PRKAG2 as part of a matched antibody pair:

MP01102-1: 84169-1-PBS capture and 84169-2-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.

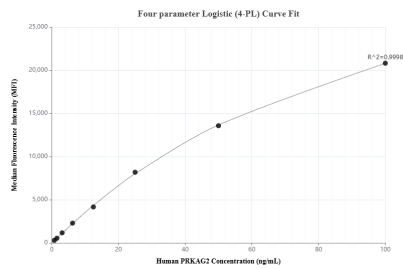
Storage

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

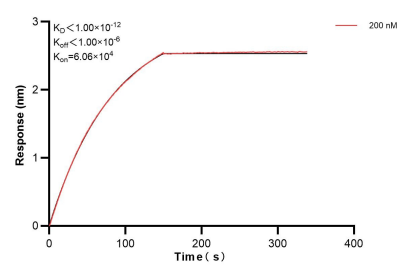
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MP01102-1, PRKAG2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84169-1-PBS. Detection antibody: 84169-2-PBS. Standard: Ag3214. Range: 0.781-100 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 84169-1-PBS against Human PRKAG2 was performed. The affinity constant is below 1 pM.