

For Research Use Only

AK3 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87090-1-PBS



Basic Information

Catalog Number: 87090-1-PBS	GenBank Accession Number: BC013771	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 50808	CloneNo.: 252261C1
Source: Rabbit	UNIPROT ID: Q9UIJ7	
Isotype: IgG	Full Name: adenylate kinase 3	
Immunogen Catalog Number: AG3146	Calculated MW: 227 aa, 26 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87090-1-PBS targets AK3 as part of a matched antibody pair:

MP02861-1: 87090-2-PBS capture and 87090-1-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

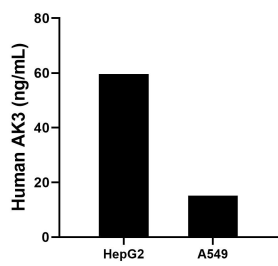
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

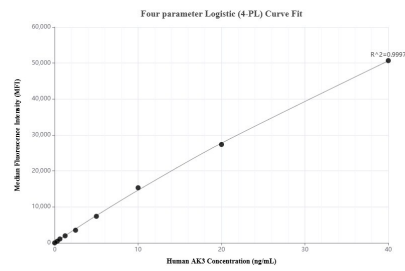
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean AK3 concentration was determined to be 59.6 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 15.1 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02861-1, AK3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87090-2-PBS. Detection antibody: 87090-1-PBS. Standard: Ag3146. Range: 0.312-40 ng/mL.