

For Research Use Only

AK1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85979-5-PBS



Basic Information

Catalog Number: 85979-5-PBS	GenBank Accession Number: BC001116	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 203	CloneNo.: 250557E11
Source: Rabbit	UNIPROT ID: P00568	
Isotype: IgG	Full Name: adenylate kinase 1	
Immunogen Catalog Number: AG6890	Calculated MW: 22 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85979-5-PBS targets AK1 as part of a matched antibody pair:

MP02232-2: 85979-5-PBS capture and 85979-3-PBS detection (validated in Sandwich ELISA)

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

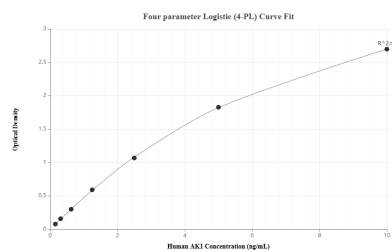
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

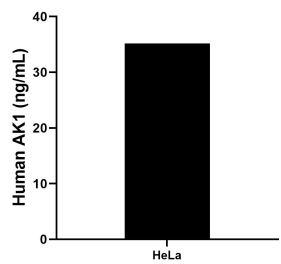
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

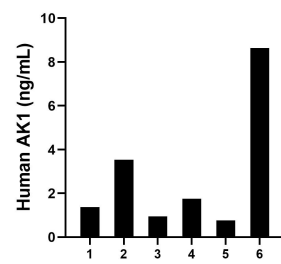
Selected Validation Data



Sandwich ELISA standard curve of MP02232-2, Human AK1 Recombinant Matched Antibody Pair - PBS only. 85979-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6890. 85979-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean AK1 concentration was determined to be 35.20 ng/mL in HeLa cell extract based on a 0.9 mg/mL extract load.



Human milk of six individual healthy human donors was measured. The human AK1 concentration of detected samples was determined to be 2.83 ng/mL with a range of 0.76 - 8.63 ng/mL.