

For Research Use Only

HK2 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 85875-3-PBS



Basic Information

Catalog Number: 85875-3-PBS	GenBank Accession Number: BC021116	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3099	CloneNo.: 250190G7
Source: Rabbit	UNIPROT ID: P52789	
Isotype: IgG	Full Name: hexokinase 2	
Immunogen Catalog Number: AG16895	Calculated MW: 102 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85875-3-PBS targets HK2 as part of a matched antibody pair:

MP02173-2: 85875-1-PBS capture and 85875-3-PBS detection (validated in Cytometric bead array)

MP02173-3: 85875-3-PBS capture and 85875-1-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

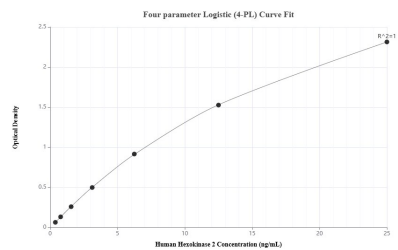
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

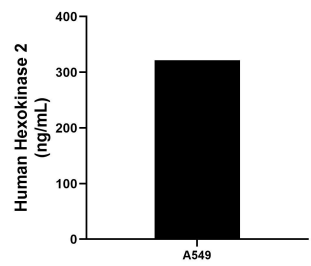
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

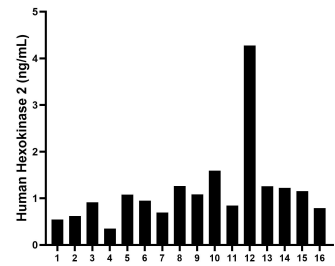
Selected Validation Data



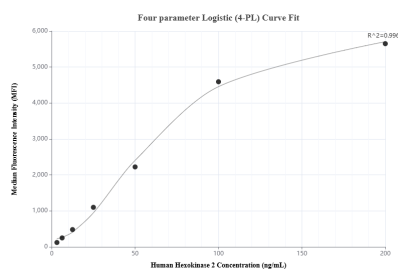
Sandwich ELISA standard curve of MP02173-3, Human Hexokinase 2 Recombinant Matched Antibody Pair - PBS only. 85875-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag16895. 85875-1-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean Hexokinase 2 concentration was determined to be 321.70 ng/mL in A549 cell extract based on a 1.3 mg/mL extract load.



Serum of sixteen individual healthy human donors was measured. The human Hexokinase 2 concentration of detected samples was determined to be 1.16 ng/mL with a range of 0.35 - 4.27 ng/mL.



Cytometric bead array standard curve of MP02173-2, Hexokinase 2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85875-1-PBS. Detection antibody: 85875-3-PBS. Standard: Ag16895. Range: 3.125-200 ng/mL