

For Research Use Only

AKR1C3 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84872-1-PBS



Basic Information

Catalog Number: 84872-1-PBS	GenBank Accession Number: BC019230	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8644	CloneNo.: 242222A5
Source: Rabbit	UNIPROT ID: P42330	
Isotype: IgG	Full Name: aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)	
Immunogen Catalog Number: AG1674	Calculated MW: 323 aa, 37 kDa	

Applications

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

Species Specificity:
human

Product Information

84872-1-PBS targets AKR1C3 as part of a matched antibody pair:

MP01647-2: 84872-3-PBS capture and 84872-1-PBS detection (validated in Cytometric bead array, 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

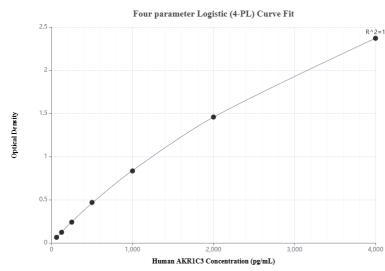
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

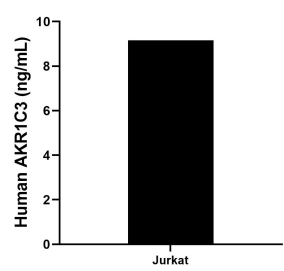
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

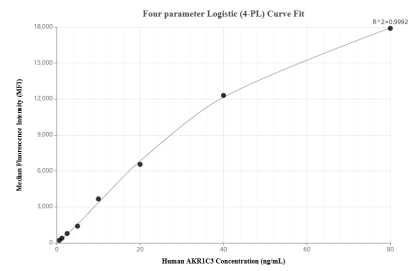
Selected Validation Data



Sandwich ELISA standard curve of MP01647-2, Human AKR1C3 alpha Recombinant Matched Antibody Pair - PBS only. 84872-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1674. 84872-1-PBS was HRP conjugated as the detection antibody. Range: 62.5- 4000 pg/mL



The mean AKR1C3 concentration was determined to be 9.16 ng/mL in Jurkat cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP01647-2, AKR1C3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84872-3-PBS. Detection antibody: 84872-1-PBS. Standard: Ag1674. Range: 0.625-80 ng/mL.