

For Research Use Only

AKR1C3 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84872-3-PBS



Basic Information

Catalog Number:

84872-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1674

GenBank Accession Number:

BC019230

GeneID (NCBI):

8644

UNIPROT ID:

P42330

Full Name:

aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)

Calculated MW:

323 aa, 37 kDa

Purification Method:

Protein A purification

CloneNo.:

242222C12

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Product Information

84872-3-PBS targets AKR1C3 as part of a matched antibody pair:

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

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

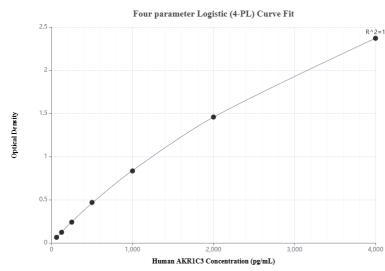
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

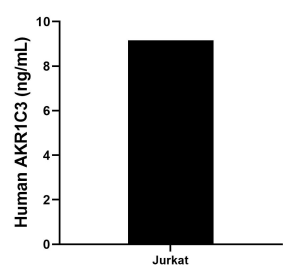
E: proteintech@ptglab.com
W: ptglab.com

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

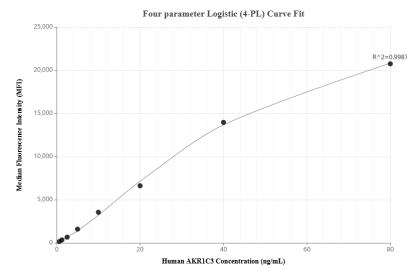
Selected Validation Data



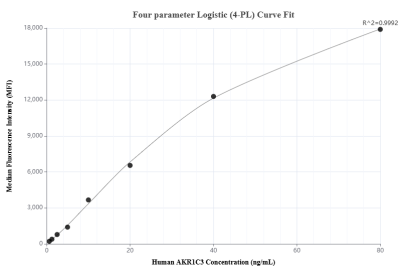
Sandwich ELISA standard curve of MP01647-2, Human AKR1C3 alpha Recombinant Matched Antibody Pair - PBS only. 84872-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1674. 84872-1-PBS was HRP conjugated as the detection antibody. Range: 62.5- 4000 pg/mL



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



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