

AKR1C3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01647-2**

Capture Antibody Information

Catalog Number:
84872-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242222C12
Reactivity:
human
Immunogen Catalog Number:
Ag1674

Conjugate:
Unconjugated
Full name:
aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)
Gene ID:
8644

Detection Antibody Information

Catalog Number:
84872-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242222A5
Reactivity:
human
GenBank:
BC019230
Immunogen Catalog Number:
Ag1674

Conjugate:
Unconjugated
Full name:
aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)
Gene ID:
8644

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.625-80 ng/mL (Cytometric Bead Array)
62.5- 4000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP01647-2 targets AKR1C3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: AKR1C3 Recombinant antibody, PBS Only (Capture) 84872-3-PBS (242222C12). 100 µg. Concentration 1 mg/mL.

Detection antibody: AKR1C3 Recombinant antibody, PBS Only (Detector) 84872-1-PBS (242222A5). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

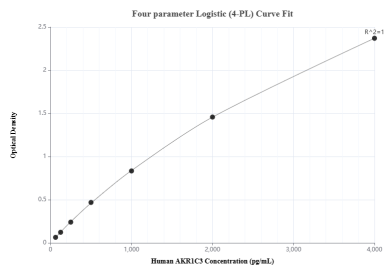
For technical support and original validation data for this product please contact:

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

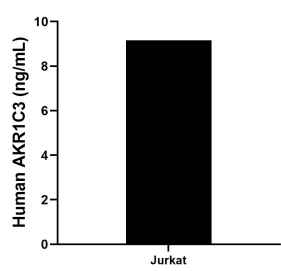
E: proteintech@ptglab.com
W: ptglab.com

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

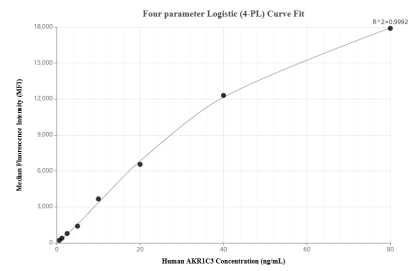
Selected Validation Data



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.