

For Research Use Only

# ARID4A Recombinant antibody, PBS Only (Detector)

Catalog Number: 83489-2-PBS



## Basic Information

<b>Catalog Number:</b> 83489-2-PBS	<b>GenBank Accession Number:</b> NM_002892.3	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5926	<b>CloneNo.:</b> 240436D1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P29374	
<b>Isotype:</b> IgG	<b>Full Name:</b> AT rich interactive domain 4A (RBP1-like)	
<b>Immunogen Catalog Number:</b> AG33114	<b>Calculated MW:</b> 143 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

83489-2-PBS targets ARID4A as part of a matched antibody pair:

MP00489-2: 83489-3-PBS capture and 83489-2-PBS detection (validated in Cytometric bead array)

MP00489-3: 83489-1-PBS capture and 83489-2-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.

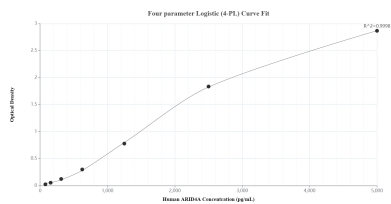
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

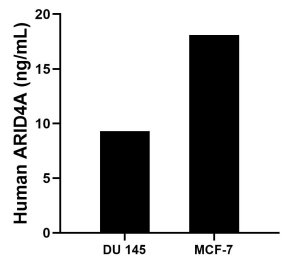
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

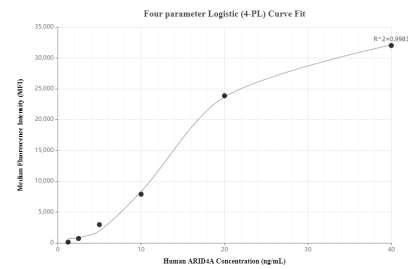
## Selected Validation Data



Sandwich ELISA standard curve of MP00489-3, Human ARID4A Recombinant Matched Antibody Pair - PBS only. 83489-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag33114. 83489-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean ARID4A concentration was determined to be 9.3 ng/mL in DU 145 cell extract based on a 3.2 mg/mL extract load, 18.1 ng/mL in MCF-7 cell extract based on a 3.5 mg/mL extract load.



Cytometric bead array standard curve of MP00489-2, ARID4A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83489-3-PBS. Detection antibody: 83489-2-PBS. Standard: Ag33114. Range: 1.25-40 ng/mL.