

For Research Use Only

# FOXA1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 85125-1-PBS



## Basic Information

<b>Catalog Number:</b> 85125-1-PBS	<b>GenBank Accession Number:</b> BC033890	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3169	<b>CloneNo.:</b> 242658A10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P55317	
<b>Isotype:</b> IgG	<b>Full Name:</b> forkhead box A1	
<b>Immunogen Catalog Number:</b> AG14243	<b>Calculated MW:</b> 473 aa, 49 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

85125-1-PBS targets FOXA1 as part of a matched antibody pair:

MP01842-2: 85125-1-PBS capture and 85125-3-PBS detection (validated in Cytometric bead array)

MP01842-3: 85125-4-PBS capture and 85125-1-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.

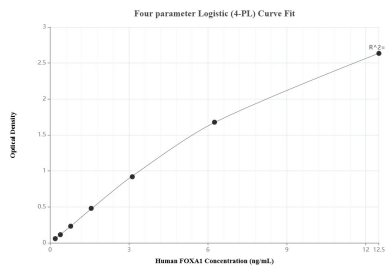
## Storage

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

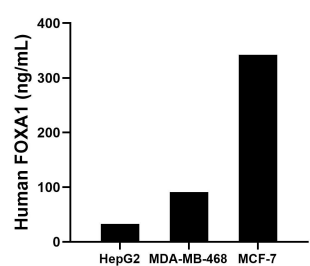
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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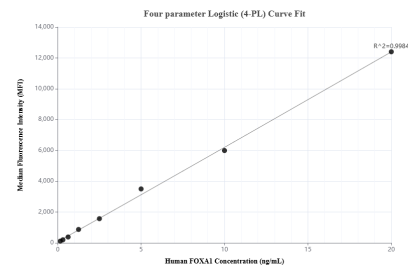
## Selected Validation Data



Sandwich ELISA standard curve of MP01842-3, Human FOXA1 Recombinant Matched Antibody Pair - PBS only. 85125-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag14243. 85125-1-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.



The mean FOXA1 concentration was determined to be 32.58 ng/mL in HepG2 cell extract based on a 1.00 mg/mL extract load, 90.93 ng/mL in MDA-MB-468 cell extract based on a 3.20 mg/mL extract load and 341.89 ng/mL in MCF-7 cell extract based on a 3.50 mg/mL extract load.



Cytometric bead array standard curve of MP01842-2, FOXA1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85125-1-PBS. Detection antibody: 85125-3-PBS. Standard: Ag14243. Range: 0.156-20 ng/mL.