

For Research Use Only

# Mouse Fetuin A/AHSG Recombinant antibody, PBS Only (Detector)

Catalog Number: 85085-2-PBS



## Basic Information

<b>Catalog Number:</b> 85085-2-PBS	<b>GenBank Accession Number:</b> NM_013465.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11625	<b>CloneNo.:</b> 242732E5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P29699	
<b>Isotype:</b> IgG	<b>Full Name:</b> alpha-2-HS-glycoprotein	
	<b>Calculated MW:</b> 37 kDa	

## Applications

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

**Species Specificity:**  
mouse

## Product Information

85085-2-PBS targets Fetuin A/AHSG as part of a matched antibody pair:

MP01802-1: 85085-1-PBS capture and 85085-2-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.

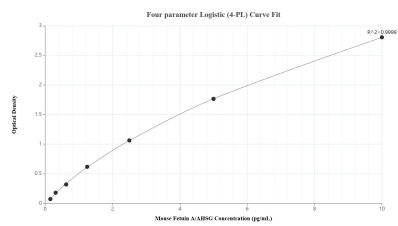
## Storage

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

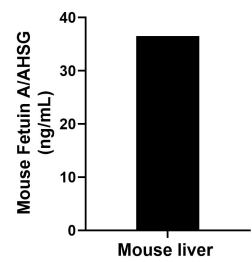
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

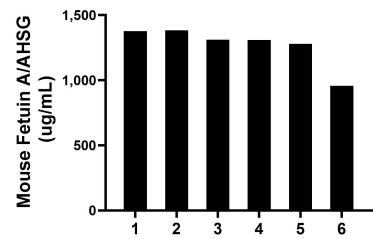
Selected Validation Data



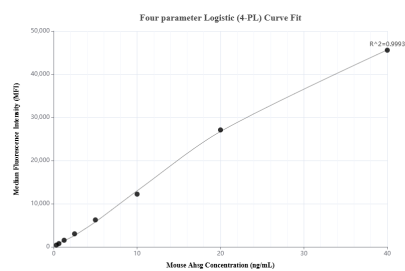
Sandwich ELISA standard curve of MP01802-1, Mouse Fetuin A/AHSG Recombinant Matched Antibody Pair - PBS only. 85085-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3151. 85085-2-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



One mouse liver was cultured for 18 hours in RPMI 1640 supplemented with 10% fetal bovine serum, 50 µM β-mercaptoethanol, 2 mM L-glutamine, and 100 µg/mL of streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for mouse Fetuin A/AHSG and measured 36.5 ng/mL



Serum of six mice was measured. The Fetuin A/AHSG concentration of detected samples was determined to be 1,270.1 ug/mL with a range of 956.9 -1,383.5 ug/mL



Cytometric bead array standard curve of MP01802-1, MOUSE Ahsg Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85085-1-PBS. Detection antibody: 85085-2-PBS. Standard: Eg3151. Range: 0.313-40 ng/mL