

For Research Use Only

# FABP5 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 82551-3-PBS



## Basic Information

<b>Catalog Number:</b> 82551-3-PBS	<b>GenBank Accession Number:</b> BC019385	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2171	<b>CloneNo.:</b> 243154D6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q01469	
<b>Isotype:</b> IgG	<b>Full Name:</b> fatty acid binding protein 5 (psoriasis-associated)	
<b>Immunogen Catalog Number:</b> AG3005	<b>Calculated MW:</b> 135 aa, 15 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
human

## Product Information

82551-3-PBS targets FABP5 as part of a matched antibody pair.

MP02674-1: 82551-3-PBS capture and 82551-2-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

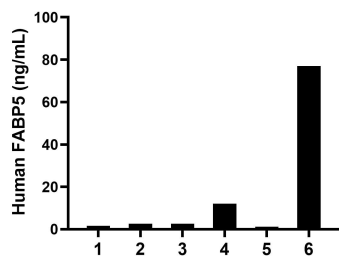
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

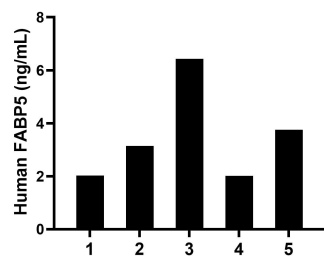
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

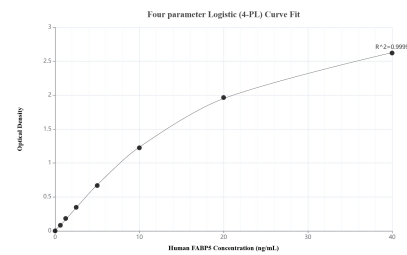
## Selected Validation Data



Urine of six individual healthy human donors was measured. The FABP5 concentration of detected samples was determined to be 16.17 ng/mL with a range of 1.14-77.03 ng/mL.



Plasma of five individual healthy human donors was measured. The FABP5 concentration of detected samples was determined to be 3.48 ng/mL with a range of 2.03-6.43 ng/mL.



Sandwich ELISA standard curve of MP02674-1, Human FABP5 Recombinant Matched Antibody Pair - PBS only. 82551-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3005. 82551-2-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.