

For Research Use Only

# Complement factor B Recombinant antibody, PBS Only (Detector)

Catalog Number: 84101-8-PBS



## Basic Information

<b>Catalog Number:</b> 84101-8-PBS	<b>GenBank Accession Number:</b> NM_001710.6	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 629	<b>CloneNo.:</b> 242709A2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P00751-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> complement factor B	
	<b>Calculated MW:</b> 86kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

84101-8-PBS targets Complement factor B as part of a matched antibody pair:

MP01031-4: 84101-10-PBS capture and 84101-8-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

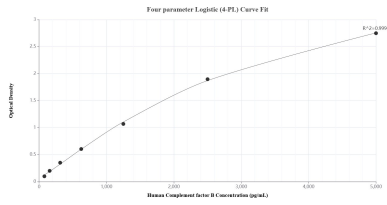
For technical support and original validation data for this product please contact:

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

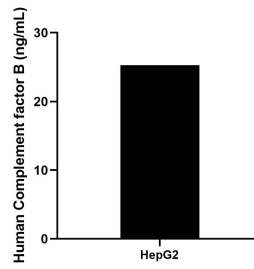
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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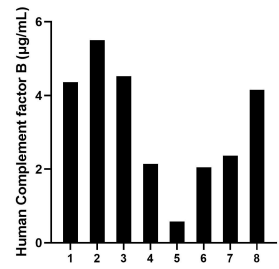
## Selected Validation Data



Sandwich ELISA standard curve of MP01031-4, Human Complement factor B Recombinant Matched Antibody Pair - PBS only. 84101-10-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1224. 84101-8-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean Complement factor B concentration was determined to be 25.3 ng/mL in HepG2 cell extract based on a 1.8 mg/mL extract load.



Serum of eight individual healthy human donors was measured. The Complement factor B concentration of detected samples was determined to be 3.2 µg/mL with a range of 0.6-5.5 µg/mL