

For Research Use Only

# ENDOG Recombinant antibody, PBS Only (Detector)

Catalog Number: 86122-2-PBS



## Basic Information

<b>Catalog Number:</b> 86122-2-PBS	<b>GenBank Accession Number:</b> BC016351	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2021	<b>CloneNo.:</b> 250804C11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14249	
<b>Isotype:</b> IgG	<b>Full Name:</b> endonuclease G	
<b>Immunogen Catalog Number:</b> AG17739	<b>Calculated MW:</b> 297 aa, 33 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

86122-2-PBS targets ENDOG as part of a matched antibody pair:

MP02519-1: 86122-1-PBS capture and 86122-2-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.

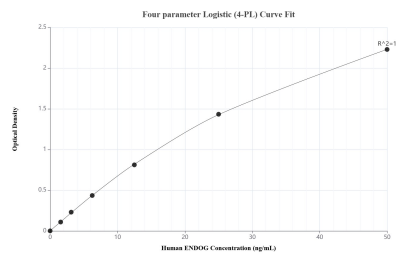
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

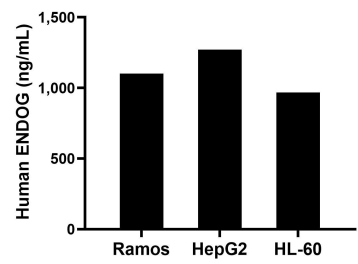
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP02519-1, Human ENDOG Recombinant Matched Antibody Pair - PBS only. 86122-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17739. 86122-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-50 ng/mL.



The mean ENDOG concentration was determined to be 1,103.00 ng/mL in Ramos cell extract based on a 1.40 mg/mL extract load, 1,271.00 ng/mL in HepG2 cell extract based on a 1.3 mg/mL extract load and 967.00 ng/mL in HL-60 cell extract based on a 3.7 mg/mL extract load.