

For Research Use Only

# ANGPTL4 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 80738-4-PBS



## Basic Information

<b>Catalog Number:</b> 80738-4-PBS	<b>GenBank Accession Number:</b> NM_139314.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51129	<b>CloneNo.:</b> 252229A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BY76-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> angiopoietin-like 4	
<b>Immunogen Catalog Number:</b> EG5329	<b>Calculated MW:</b> 45 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

80738-4-PBS targets ANGPTL4 as part of a matched antibody pair:

MP02878-2: 80738-4-PBS capture and 80738-2-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.

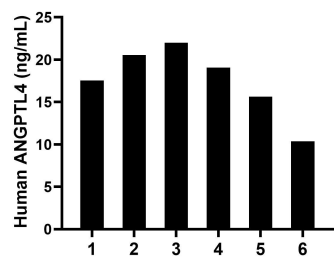
## Storage

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

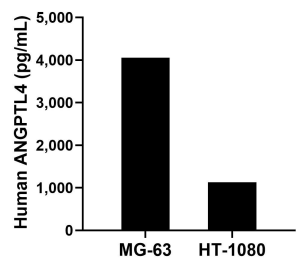
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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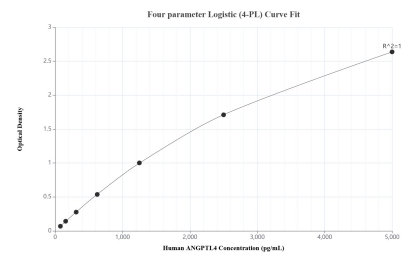
## Selected Validation Data



Plasma of six individual healthy human donors was measured. The ANGPTL4 concentration of detected samples was determined to be 17.5 ng/mL with a range of 10.4-22.0 ng/mL.



The mean ANGPTL4 concentration was determined to be 4,053.3 pg/mL in MG-63 cell extract based on a 1.2 mg/mL extract load and 1,130.7 ng/mL in HT-1080 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP02878-2, Human ANGPTL4 Recombinant Matched Antibody Pair - PBS only. 80738-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5329. 80738-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.