

For Research Use Only

# Angiotensinogen/AGT Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68704-1-PBS



## Basic Information

<b>Catalog Number:</b> 68704-1-PBS	<b>GenBank Accession Number:</b> BC011519	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 183	<b>CloneNo.:</b> 2G2G7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P01019	
<b>Isotype:</b> IgG1	<b>Full Name:</b> angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	
<b>Immunogen Catalog Number:</b> AG16658	<b>Calculated MW:</b> 485 aa, 53 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

68704-1-PBS targets Angiotensinogen/AGT as part of a matched antibody pair.

MP50065-1: 68704-1-PBS capture and 68704-2-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

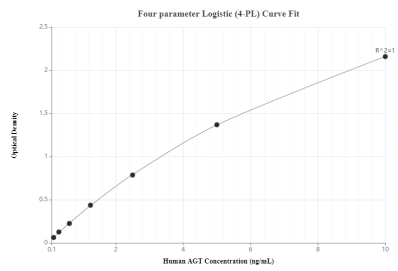
**Storage:**  
Store at -80°C.

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

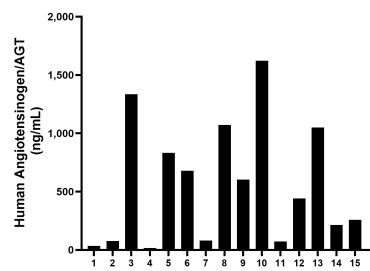
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

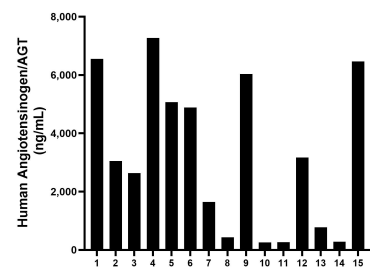
Selected Validation Data



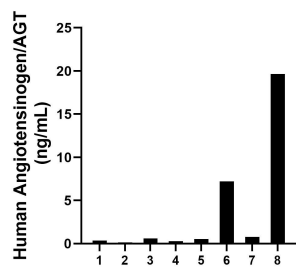
Sandwich ELISA standard curve of MP50065-1, AGT Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68704-1-PBS. Detection antibody: 68704-2-PBS. Standard: Ag16658. Range: 0.156-10 ng/mL



Plasma of sixteen individual healthy human donors was measured. The human Angiotensinogen/AGT concentration of detected samples was determined to be 559.16 ng/mL with a range of 16.05 - 1,622.27 ng/mL



Serum of sixteen individual healthy human donors was measured. The human Angiotensinogen/AGT concentration of detected samples was determined to be 3,252.37 ng/mL with a range of 261.69 - 7,272.42 ng/mL



Urine of eight individual healthy human donors was measured. The human Angiotensinogen/AGT concentration of detected samples was determined to be 3.70 ng/mL with a range of 0.15 - 19.67 ng/mL