

# Rabbit anti-Human PGII mAb (CAP)

Catalog No.: RM17837

## Basic Information

**Catalog No.**  
RM17837

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative□0.05%ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

## Contact

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## Background

This gene encodes an aspartic proteinase that belongs to the peptidase family A1. The encoded protein is a digestive enzyme that is produced in the stomach and constitutes a major component of the gastric mucosa. This protein is also secreted into the serum. This protein is synthesized as an inactive zymogen that includes a highly basic prosegment. This enzyme is converted into its active mature form at low pH by sequential cleavage of the prosegment that is carried out by the enzyme itself. Polymorphisms in this gene are associated with susceptibility to gastric cancers. Serum levels of this enzyme are used as a biomarker for certain gastric diseases including Helicobacter pylori related gastritis. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 1.

## Immunogen Information

**Immunogen**  
Recombinant Human PGII

## Cross-Reactivity

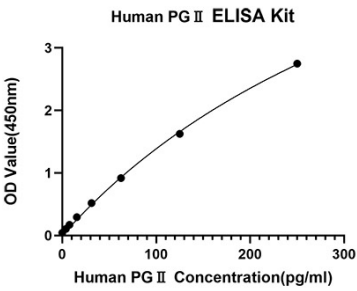
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## Assay Applications

Human PGII Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-4ug/mL	Rabbit anti-Human PGII (CAP)(Cat. No.RM17837)
ELISA Detection	0.02-0.08ug/mL	Rabbit anti-Human PGII (DET)(Cat. No.RM17838)
Standard	3.9-250pg/mL	Recombinant Human PGII Protein

# Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.