Leader in Biomolecular Solutions for Life Science

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# Rabbit anti-Human PGImAb (CAP)

**Catalog No.: RM17939**

## Basic Information

**Catalog No.**
RM17939

**Catagory**
Elisa Antibody Kit

**Application**
ELISA

## Product Information

**Ig Type**
Rabbit IgG

**Purification**
Affinity purification

**Endotoxin Level**

**Storage**
Store at -20℃
**Avoid repeated freeze-thaw cycles.**

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

## Contact


order@abclonal.com

support@abclonal.com

www.abclonal.com


## Background

This gene encodes a protein precursor of the digestive enzyme pepsin, a member of the peptidase A1 family of endopeptidases. The encoded precursor is secreted by gastric chief cells and undergoes autocatalytic cleavage in acidic conditions to form the active enzyme, which functions in the digestion of dietary proteins. This gene is found in a cluster of related genes on chromosome 11, each of which encodes one of multiple pepsinogens. Pepsinogen levels in serum may serve as a biomarker for atrophic gastritis and gastric cancer.

## Immunogen Information

**Immunogen**
Recombinant Human PGI

## Cross-Reactivity

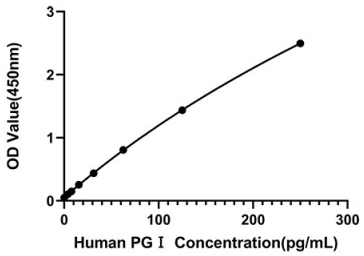
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## Assay Applications

Human PGI Sandwich ELISA Immunoassay

| | Recommended Concentration | Sample |
|---|---|---|
| ELISA Capture | 1-4ug/mL | Rabbit anti-Human PGI (CAP)(Cat. No.RM17939) |
| ELISA Detection | 0.17-0.042ug/mL | Rabbit anti-Human PGI (DET)(Cat. No.RM17940) |
| Standard | 3.91-250pg/mL | Recombinant Human PGI Protein |

## Validation Data




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