

MAA165Hu21

Monoclonal Antibody to Pepsinogen A (PGA)

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C4

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µL

Cross Reactivity: Porcine

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant PGA (Val63~Phe163+Gly206~Ser295) expressed in *E.coli*

Accession No.: RPA165Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 5-30µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

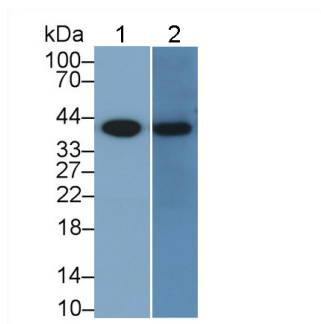
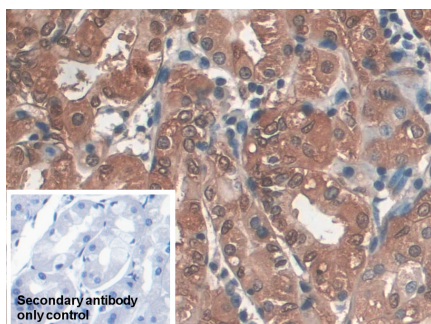
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



DAB staining on IHC-P; Sample:	Western Blot; Sample: Lane1: Porcine
Human Stomach Tissue; Primary Ab:	Stomach lysate; Lane2: Human Urine
30µg/ml Mouse Anti-Human PGA	Primary Ab: 1µg/ml Mouse Anti-Human
Antibody Second Ab: 2µg/mL HRP-	PGA Antibody
Linked Caprine Anti-Mouse IgG	Second Ab: 0.2µg/mL HRP-Linked
Polyclonal Antibody (Catalog:	Caprine Anti-Mouse IgG Polyclonal
SAA544Mu19)	Antibody
	(Catalog: SAA544Mu19) Selected

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.