

## Pepsinogen C/PGC Monoclonal Antibody

**catalog number: AN200124P**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

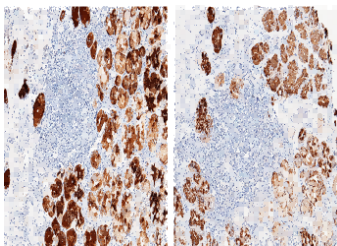
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human Pepsinogen C / PGC protein
<b>Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Clone</b>	6F7
<b>Purification</b>	Protein A
<b>Buffer</b>	0.2 µm filtered solution in PBS

### Applications Recommended Dilution

<b>IHC-P</b>	1:50-1:200
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### Data



Immunohistochemistry of paraffin-embedded human stomach using Pepsinogen C / PGC Monoclonal Antibody at dilution of 1:60.

### Preparation & Storage

<b>Storage</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
<b>Shipping</b>	Ice bag

### Background

Pepsinogen II is a zymogen secreted by the chief cells of the gastric glands and converted into pepsin in the presence of gastric acid or of pepsin itself. Among endoscopy clinic patients, PGI is a sensitive marker for extension of nonatrophic gastritis toward the corpus. PGI is a stable biomarker in assessment of fundic atrophy and has similar accuracy to PGI/PGII ratio among populations with prevalent nonatrophic pangastritis. Research also showed that decreased PGI level and PGI/II ratio are risk factors for gastric cancer. Combined use of serum PGI level and PGI/II ratio may help the early diagnosis of gastric cancer.

### For Research Use Only