



# Mouse Anti-Human Pepsinogen I monoclonal antibody, clone 9114 (CABT-L2007)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Purified mouse monoclonal antibody to Pepsinogen I.
<b>Specificity</b>	Antibody recognizes human pepsinogen I Cross-reactivities: Human Pepsinogen II: 0.03 % Porcine Pepsinogen: 0.92 % Gastrin I: < 0.01 % Somatostatin: < 0.01 % Peptide YY: < 0.01 % Bombesin: < 0.01 % Cathepsin D: < 0.06 %
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	9114
<b>Purification</b>	≥ 95 %
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L2007 - CABT-L2008
<b>Format</b>	Liquid

<b>Concentration</b>	Lot specific
<b>Buffer</b>	37 mM citrate, 125 mM phosphate, pH 6.0, 0.9 % NaCl
<b>Preservative</b>	0.095% Sodium Azide
<b>Storage</b>	Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage. Avoid repeated freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	Pepsinogen I is the pro-form of human pepsin A-5. It is produced in the stomach and secreted into the gastric lumen, but a small amount also into the blood. Alterations in the serum pepsinogen concentration may indicate gastric abnormalities.
<b>Keywords</b>	PGA3; pepsinogen 3, group I (pepsinogen A); pepsin A-3; pepsin A; pepsinogen-3; pepsinogen A3;

## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">643834</a>
<b>UniProt ID</b>	<a href="#">P0DJD8</a>