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

**Product Overview**
Purified mouse monoclonal antibody to Pepsinogen I.

**Specificity**
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 %

**Isotype**
IgG1

**Source/Host**
Mouse

**Species Reactivity**
Human

**Clone**
9114

**Purification**
≥ 95 %

**Conjugate**
Unconjugated

**Applications**
ELISA(Cap)

**Format**
Liquid

**Concentration**
Lot specific

**Buffer**
37 mM citrate, 125 mM phosphate, pH 6.0, 0.9 % NaCl

**Preservative**
0.095% Sodium Azide

**Storage**
Store at 4 deg C for short term storage. Aliquot and store at -20 deg C for long term storage. Avoid repeated freeze/thaw cycles.

**Warnings**
For research use only. Not for diagnostic, therapeutics, prophylactic or in vivo use.
BACKGROUND

Introduction
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.

Keywords
PGA3; pepsinogen 3, group I (pepsinogen A); pepsin A-3; pepsin A; pepsinogen-3; pepsinogen A3;

GENE INFORMATION

Entrez Gene ID
643834

UniProt ID
P0DJD8