**Datasheet: 7240-1009**

**Description:** MOUSE ANTI HUMAN PEPSINOGEN I

**Specificity:** PEPSINOGEN I

**Other names:** PG I

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** 8003 (99/12)

**Isotype:** IgG1

**Quantity:** 0.2 mg

**RRID** AB_2160770

**Applications**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<tr>
<td>Immunohistology - Frozen</td>
<td>•</td>
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<tr>
<td>Immunohistology - Paraffin (1)</td>
<td>-</td>
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<tr>
<td>ELISA</td>
<td>-</td>
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<tr>
<td>Western Blotting</td>
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<tr>
<td>Radiimmunoassays</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

(1) *This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.*

**Target Species** Human

**Product Form** Purified IgG - liquid

**Preparation** Purified IgG prepared by affinity chromatography on Protein A

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.09% Sodium Azide (NaN₃)

**Approx. Protein Concentrations** IgG concentration 0.5 mg/ml

**Immunogen** Purified human pepsinogen 1.
Specificity

Mouse anti Human pepsinogen 1 antibody, clone 8003 recognizes human Pepsinogen I, a zymogen or proenzyme secreted by chief cells in the stomach. It is cleaved to form pepsin both in an autocatalytic fashion and by pepsin itself. In humans there are two related forms of pepsin, Pepsinogen I (also known as pepsinogen A), and Pepsinogen II (also known as Pepsinogen B or progastricin).

Mouse anti Human pepsinogen 1 antibody, clone 8003 has an affinity of 4 x 10^10 l/mol human Pepsinogen I.

References


Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:


Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR77...) HRP
Rabbit Anti Mouse IgG (STAR12...) RPE
Rabbit Anti Mouse IgG (STAR8...)   DyLight®800
Rabbit Anti Mouse IgG (STAR13...)   HRP
Goat Anti Mouse IgG (STAR76...)   RPE
Goat Anti Mouse IgG (STAR70...)   FITC
Goat Anti Mouse IgG (Fc) (STAR120...)   FITC, HRP
Rabbit Anti Mouse IgG (STAR9...)   FITC
Goat Anti Mouse IgG (H/L) (STAR117...)   Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

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