

AMY2A/AMY2B monoclonal antibody, clone AMY10-105.8

Catalog # MAB2215

Size 100 ug

Specification

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|--------------------------------|--|
| Product Description | Mouse monoclonal antibody raised against native AMY2A/AMY2B. |
| Immunogen | Native purified AMY2A/AMY2B from human pancreas. |
| Host | Mouse |
| Reactivity | Human |
| Specificity | These antibodies specifically recognize human pancreatic amylase. |
| Form | Liquid |
| Isotype | IgM |
| Quality Control Testing | Antibody Reactive Against Native Purified Protein. |
| Recommend Usage | The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.4 |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |

Applications

- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay

Gene Info — AMY2A

Entrez GeneID [279](#)

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| Gene Name | AMY2A |
| Gene Alias | AMY2, AMY2B, PA |
| Gene Description | amylase, alpha 2A (pancreatic) |
| Omim ID | 104650 |
| Gene Ontology | Hyperlink |
| Gene Summary | Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the pancreas. [provided by RefSeq] |
| Other Designations | 1,4-alpha-D-glucan glucanohydrolase OTTHUMP00000012694 alpha-amylase amylase, pancreatic, alpha-2A found in the pancreas glycogenase pancreatic amylase 2A pancreatic amylase alpha 2A |

Gene Info — AMY2B

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| Entrez GeneID | 280 |
| Gene Name | AMY2B |
| Gene Alias | AMY2 |
| Gene Description | amylase, alpha 2B (pancreatic) |
| Omim ID | 104660 |
| Gene Ontology | Hyperlink |
| Gene Summary | Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the pancreas. [provided by RefSeq] |
| Other Designations | 1,4-alpha-D-glucan glucanohydrolase OTTHUMP00000012696 alpha-amylase carcinoid amylase , pancreatic, alpha-2B glycogenase |

Pathway

- [Metabolic pathways](#)

- [Metabolic pathways](#)
- [Starch and sucrose metabolism](#)
- [Starch and sucrose metabolism](#)