

AMY2A/AMY2B monoclonal antibody, clone AMY10-108.5

Catalog # MAB2216 Size 100 ug

Specification

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](#)

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

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](#)