

# AMY1A monoclonal antibody (M10A), clone 3F9

Catalog # H00000276-M10A      Size 200 uL

## Specification

Product Description	Mouse monoclonal antibody raised against a full length native AMY1A.
Immunogen	Native purified human AMY1A.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Native Protein
Storage Buffer	In PBS, pH 7.2
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- ELISA

## Gene Info — AMY1A

Entrez GeneID	<a href="#">276</a>
Gene Name	AMY1A
Gene Alias	AMY1, AMY1B
Gene Description	amylase, alpha 1A (salivary)
Omim ID	<a href="#">104700</a>

## 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 salivary gland. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]

## Other Designations

1,4-alpha-D-glucan glucanohydrolase|OTTHUMP00000012688|alpha-amylase|amylase, salivary, alpha-1A|glycogenase|salivary amylase alpha 1A

## Pathway

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