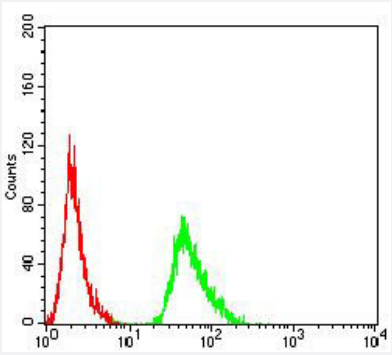
AMY1A monoclonal antibody, clone 5G6F7

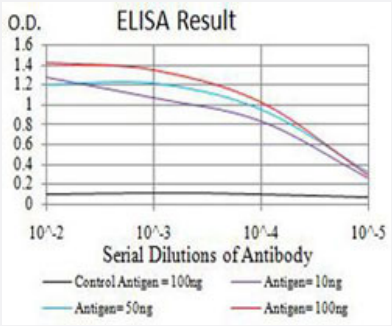
Catalog # MAB17899 Size 100 ug

Applications



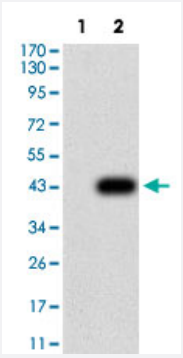
Flow Cytometry

Flow cytometric analysis of MCF-7 cells with AMY1A monoclonal antibody, clone 5G6F7 (Cat # MAB17899) (Green). Red: Negative Control.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with AMY1A monoclonal antibody, clone 5G6F7 (Cat # MAB17899).



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: AMY1A-hIgGFc transfected HEK293 cell lysates with AMY1A monoclonal antibody, clone 5G6F7 (Cat # MAB17899).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human AMY1A.

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Immunogen	Recombinant protein corresponding to amino acids 172-284 of human AMY1A.
Host	Mouse
Theoretical MW (kDa)	57.8
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Flow cytometric analysis of MCF-7 cells with AMY1A monoclonal antibody, clone 5G6F7 (Cat # MAB17899) (Green). Red: Negative Control.

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis with AMY1A monoclonal antibody, clone 5G6F7 (Cat # MAB17899).

- Western Blot (Transfected lysate)

  Western Blot analysis of Lane 1: HEK293 and Lane 2: AMY1A-hIgGFc transfected HEK293 cell lysates with AMY1A monoclonal antibody, clone 5G6F7 (Cat # MAB17899).

Gene Info — AMY1A

Entrez GeneID	276
Protein Accession#	P04745
Gene Name	AMY1A

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Gene Alias	AMY1, AMY1B
Gene Description	amylase, alpha 1A (salivary)
Omim ID	104700
Gene Ontology	Hyperlink
Gene Summary	Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides an d 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 gl and. Alternative splicing results in multiple transcript variants encoding the same protein. [provide d 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

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