



Mouse Monoclonal Antibody to AMY1A

Catalogue Number	sAP-1513
Target Molecule	Name: AMY1A Aliases: AMY1 MW: 57.8kDa Entrez Gene ID: 276
Description	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.
Immunogen	Purified recombinant fragment of human AMY1A (AA: 172-284) expressed in E. Coli.
Recitative Species	Human;Rat;
Clone	MM5G6F7
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Physiol Behav. 2015 Jan;138:173-8.2.Am J Surg Pathol. 2013 Dec;37(12):1824-30.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**