

Anti-AMY1A Antibody

Catalog # AP95668

Product Information

Application	WB, FC
Primary Accession	P0DUB6
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	57768

Additional Information

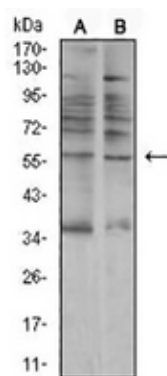
Gene ID	276;277;278
Other Names	AMY1; Alpha-amylase 1A; 1, 4-alpha-D-glucan glucanohydrolase 1; Salivary alpha-amylase
Target/Specificity	Recombinant fusion protein of human AMY1A expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

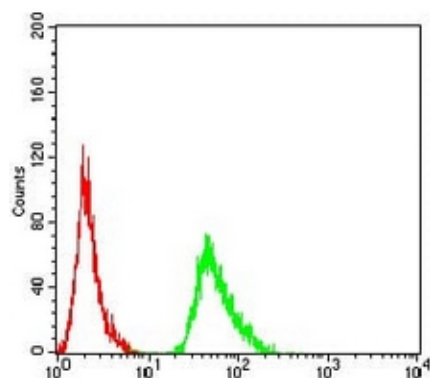
Name	AMY1A (HGNC:474)
Synonyms	AMY1
Function	Calcium-binding enzyme that initiates starch digestion in the oral cavity (PubMed: 12527308). Catalyzes the hydrolysis of internal (1->4)-alpha-D-glucosidic bonds, yielding a mixture of maltose, isomaltose, small amounts of glucose as well as small linear and branched oligosaccharides called dextrins (PubMed: 12527308).
Cellular Location	Secreted.

Images

Western blot analysis of AMY1A expression in A549 (A), C6 (B) whole cell lysates. (Predicted band size: 58 kD;



Observed band size: 58 kD)



Flow cytometric analysis of MCF7 cells using Anti-AMY1A Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.