



Anti-AMY2A monoclonal antibody, clone 6A9/1 (CABT-52227MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | This product recognises human pancreatic amylase, a secreted enzyme that catalyses the endohydrolysis of (1-4)-alpha-D-glucosidic linkages in oligosaccharides and polysaccharides. This antibody shows minimal cross-reactivity with salivary amylase. |
| Specificity | AMY2A |
| Immunogen | Native pancreatic amylase |
| Isotype | IgM |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Clone | 6A9/1 |
| Conjugate | Unconjugated |
| Applications | ELISA |
| Format | Ig fraction - liquid |
| Size | 1 mg |
| Preservative | 0.09% Sodium Azide |
| Storage | in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |

GENE INFORMATION

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| Gene Name | AMY2A amylase, alpha 2A (pancreatic) [Homo sapiens (human)] |
| Official Symbol | AMY2A |
| Synonyms | AMY2A; amylase, alpha 2A (pancreatic); PA; AMY2; pancreatic alpha-amylase; glycogenase; pancreatic amylase alpha 2A; 1,4-alpha-D-glucan glucanohydrolase; |
| Entrez Gene ID | 279 |
| Protein Refseq | NP_000690 |
| UniProt ID | P04746 |
| Chromosome Location | 1p21 |
| Pathway | Carbohydrate digestion and absorption; Digestion of dietary carbohydrate; Disease; Glycogen storage diseases; Metabolic pathways; Metabolism; Metabolism of carbohydrates; Myoclonic epilepsy of Lafora; |
| Function | alpha-amylase activity; calcium ion binding; chloride ion binding; |