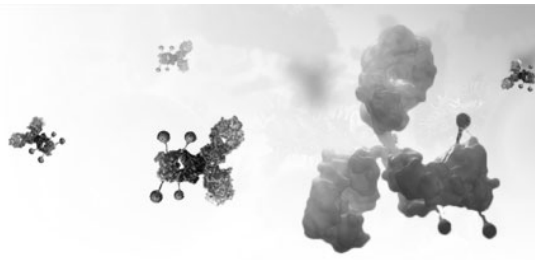

Anti-AMY1B monoclonal antibody (DCABH-10516)

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

PRODUCT INFORMATION

Antigen 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.
Immunogen	A synthetic peptide of human AMY1B is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AMY1B amylase, alpha 1B (salivary) [Homo sapiens]

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Official Symbol	AMY1B
Synonyms	AMY1B; amylase, alpha 1B (salivary); AMY1, amylase, alpha 1B; salivary; alpha-amylase 1; glycogenase; salivary alpha-amylase; salivary amylase alpha 1B; amylase, salivary, alpha-1B; 1,4-alpha-D-glucan glucanohydrolase 1; AMY1; AMY1A; AMY1C; MGC177995;
Entrez Gene ID	277
Protein Refseq	NP_001008219
UniProt ID	P04745
Chromosome Location	1p21
Pathway	Carbohydrate digestion and absorption, organism-specific biosystem; Carbohydrate digestion and absorption, conserved biosystem; Digestion of dietary carbohydrate, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem; Salivary secretion, organism-specific biosystem.
Function	catalytic activity; cation binding;

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