

Datasheet

AMY1A monoclonal antibody (M04), clone 2D4

Catalog Number: H00000276-M04

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant AMY1A.

Clone Name: 2D4

Immunogen: AMY1A (NP_001008222, 172 a.a. ~ 245 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

VRDCRLSGLLDLALGKDYVRSKIAEYMNHLIDIGVAGF
RIDASKHWPBGDIKAILDKLHNLNSNWFPEGSKPFI

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, WB-Re, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 276

Gene Symbol: AMY1A

Gene Alias: AMY1, AMY1B

Gene Summary: 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. [provided by RefSeq]