

MAB482Mu21

Monoclonal Antibody to Amylase Alpha 1, Salivary (AMY1)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: AMY1, Mouse

Clonality: Monoclonal

Clone number: C4

Host: Rat

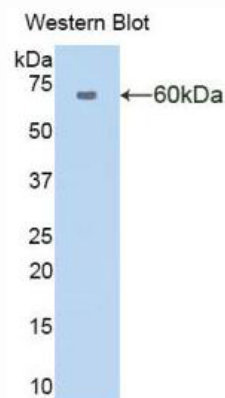
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 500µg/mL

UOM: 200µg



Sample: Recombinant AMY1, Mouse

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant AMY1 (Gln16~Ile511) expressed in *E.coli*.

Accession No.: RPB482Mu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGS- QYDPH TQYGRTAIVH LFEWRWVDIA KECERYLAPN GFAGVQVSP
NENIVVHSPS RPWWERYQPI SYKICSRSGN EDEFDMVNR CNNVGVRIYV
DAVINHMCV GAQAGQSSTC GSYFNPNNRD FPGVPYSGFD FNDGKCRAS
GGIENYQDAA QVRDCRLSGL LDLALEKDYV RTKVADYMNH LIDIGVAGFR LDASKHMWPG
DIKAILDKLH NLNTKWFSQG SRPFIFQEVI DLGGEAVSSN EYFGNGRVTE FKYGAKLGKV
MRKWDGEKMS YLKNWEGEGWG LMPSDRALVF VDNHDNQRGH GAGGASILTF
WDARLYKMAV GFMLAHPYGF TRVMSSYYWP RNFQNGKDVN DWVGPPNNG
KTKEVSINPD STCGNDWICE HRWRQIRNMV AFRNVVNGQP FANWWDNDSN

QVAFGRGNKG FIVFNDDWA LSETLQTGLP AGTYCDVISG DKVDGNCTGI KVVYVNDGKA
HFSISNSAED PFIAIHAESK I

[ANTIBODY SPECIFICITY]

The antibody is a rat monoclonal antibody raised against AMY1. It has been selected for its ability to recognize AMY1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.