

MAA207Ra21

Monoclonal Antibody to Alanine Aminotransferase (ALT)

Organism Species: Rattus norvegicus (Rat)

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: ALT, Rat

Clonality: Monoclonal

Clone number: C6

Host: Mouse

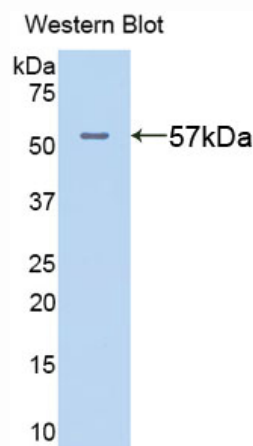
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 500µg/mL

UOM: 200µg



Sample: Recombinant ALT, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant ALT (Met1~Ser496) expressed in *E.coli*.

Accession No.: RPA207Ra01

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

MGHHHHHSGSEF-MASRVNDQSQ ASRNLKKGKV LTLDTMNPCV RRVEYAVRGP
IVQRALELEQ ELRQGVKKPF TEVIRANIGD AQAMGQRPIT FFRQVLALCV YPNLLSSPDF
PEDAKRRAER ILQACGGHSL GAYSISGGIQ PIREQVAQYI ERRDGGIPAD PNNIFLSTGA
SDAIVTMLKL LVSGEGRART GVLIPQYP LYSAAELAELD AVQVDYYLDE ERAWALDIAE

LRRALCQARD RCCPRVLCVI NPGNPTGQVQ TRECIEAVIR FAFKEGLFLM ADEVYQDNVY
AEGSQFHSEFK KVLMEMGPPY STQQELASFH SVSKGYMGEC GFRGGYVEVV
NMDAEVQKQM GKLM SVRLCP PVPGQALMDM VVSPPTPSEP SFKQFQAERQ
EVLAE LAAKA KLTEQVFNEA PGIRCNPVQG AMYSFPQVQL PLKAVQRAQE LGLAPDMFFC
LCLLEETGIC VVPGSGFGQQ EGTYHFRMTI LPPMEKLRLL LEKLSHFHAK FTHEYS

[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against ALT. It has been selected for its ability to recognize ALT 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.