MAA166Ra22

Monoclonal Antibody to Pepsinogen C (PGC)

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: PGC, Rat

Clonality: Monoclonal
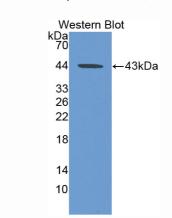
Clone number: F5

Host: Mouse

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 500µg/mL

UOM: 200µg

Western Blot

Sample: Recombinant PGC, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant PGC (Ser17~Val392) expressed in *E.coli*.

Accession No.: RPA166Ra01

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

MGHHHHHHSGSEF-SLLR VPLRKMKSIR ETMKEQGVLK DFLKTHKYDP GQKYHFGNFG DYSVLYEPMA YMDASYFGEI SIGTPPQNFL VLFDTGSSNL WVSSVYCQSE ACTTHARFNP SKSSTYYTEG QTFSLQYGTG SLTGFFGYDT LTVQSIQVPN QEFGLSENEP GTNFVYAQFD GIMGLAYPGL SSGGATTALQ GMLGEGALSQ PLFGVYLGSQ QGSNGGQIVF GGVDKNLYTG EITWVPVTQE LYWQITIDDF LIGDQASGWC SSQGCQGIVD TGTSLLVMPA QYLSELLQTI GAQEGEYGEY FVSCDSVSSL PTLSFVLNGV QFPLSPSSYI IQEDNFCMVG LESISLTSES GQPLWILGDV FLRSYYAIFD MGNNKVGLAT SV

[ANTIBODY SPECIFITY]

The antibody is a mouse monoclonal antibody raised against PGC. It has been selected for its ability to recognize PGC 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% NaN_3, 50% glycerol.

[STORAGE]

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