

**MAA166Hu22**

**Monoclonal Antibody to Pepsinogen C (PGC)**

**Organism Species: Homo sapiens (Human)**

***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, Human

**Clonality:** Monoclonal

**Clone number:** B6

**Host:** Mouse

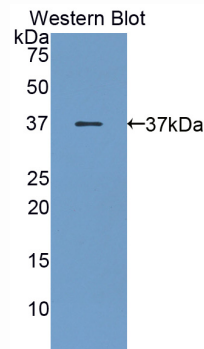
**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

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

**Concentration:** 500µg/mL

**UOM:** 200µg



*Sample: Recombinant PGC, Human*

## [ **IMMUNOGEN INFORMATION** ]

**Immunogen:** Recombinant PGC (Val61~Ala388) expressed in *E.coli*.

**USCN Accession No.:** RPA166Hu01

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

MGHHHHHHSGSEF-VTYEPMAYMD AAYFGEISIG TPPQNFLVLF DTGSSNLWVP  
SVYCQSQACT SHSRFNPSSES STYSTNGQTF SLQYGSGSLT GFFGYDTLTV QSIQVPNQE  
GLSENEPGTN FVYAQFDGIM GLAYPALSVD EATTAMQGMV QEGALTSPVF SVYLSNQQGS  
SGGAVVFGGV DSSLYTGQIY WAPVTQELYW QIGIEFLIG GQASGWCEG CQAI VDTGTS  
LLTVPQQYMS ALLQATGAQE DEYGQFLVNC NSIQNLPSLT FIINGVEFPL PPSSYILSNN  
GYCTVGVEPT YLSSQNGQPL WILGDVFLRS YYSVYDLGNN RVGFATAA

## **[ ANTIBODY SPECIFICITY ]**

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%  $\text{NaN}_3$ , 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.