MAB912Hu22 Monoclonal Antibody to Defensin Alpha 5, Paneth Cell Specific (DEFa5) Organism Species: Homo sapiens (Human) Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

Western Blot kDa 70 44 33 26 22 IG matography. HC-P, IHC-F, ELISA --Western Blot kDa 70 44 14 14 14 14 10 ↓ 15kDa

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: DEFa5, Human Clonality: Monoclonal

Clone number: H6

Host: Mouse

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 500µg/mL

UOM: 200µg

Sample: Recombinant DEFa5, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant DEFa5 (Glu20~Arg94) expressed in E.coli.

Accession No.: RPB912Hu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.

MHHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF- E SLQERADEAT TQKQSGEDNQ DLAISFAGNG LSALRTSGSQ ARATCYCRTG RCATRESLSG VCEISGRLYR LCCR

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[ANTIBODY SPECIFITY]

The antibody is a mouse monoclonal antibody raised against DEFa5. It has been selected for its ability to recognize DEFa5 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.

[<u>CONTENTS</u>]

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.