MAB337Hu21 Monoclonal Antibody to Elastin (ELN) Organism Species: Homo sapiens (Human) *Instruction manual*

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9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Western Blot Immunogen: ELN, Human kDa 75 **Clonality:** Monoclonal 50 Clone number: A3 37 Host: Mouse Immunoglobulin Type: IgG 25 -23kDa 20 Purification: Affinity Chromatography. Applications: WB, ICC, IHC-P, IHC-F, ELISA 15 Concentration: 500µg/mL 10

UOM: 200µg

Sample: Recombinant ELN, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant ELN (Gly392~Ala645) expressed in E.coli.

Accession No.: RPB337Hu01

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

MGHHHHHHSGSEF- GGIPTYGVG AGGFPGFGVG VGGIPGVAGV PGVGGVPGVG GVPGVGISPE AQAAAAAKAA KYGVGTPAAA AAKAAAKAAQ FGLVPGVGVA PGVGVAPGVG VAPGVGLAPG VGVAPGVGVA PGVGVAPGIG PGGVAAAAKS AAKVAAKAQL RAAAGLGAGI PGLGVGVGVP GLGVGAGVPG LGVGAGVPGF GAVPGALAAA KAAKYGAAVP GVLGGLGALG GVGIPGGVVG AGPAAAAAAA KAAAKAAQFG LVGAA

Designed by Cloud-Clone Corp., Assembled by Uscn Life Science Inc. ISO9001:2008; ISO13485:2003; € € 11271 Richmond Avenue Suite H104, Houston, TX 77082, USA| Toll free: 001-888-960-7402 | Fax: 001-832-538-0088 | Http://www.cloud-clone.us | E-mail: mail@cloud-clone.us Export Processing Zone Building F, Wuhan, Hubei 430056, PRC | Toll free: 0086-800-880-0687 | Fax: 0086-27-8425-9551 | Http://www.uscnk.com | E-mail: mail@uscnk.com

[ANTIBODY SPECIFITY]

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

[<u>STORAGE</u>]

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.