MAA524Hu21 Monoclonal Antibody to Tissue Factor (TF) Organism Species: Homo sapiens (Human) *Instruction manual*

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9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION] Western Blot kDa 75 Immunogen: Tissue Factor, Human 50 **Clonality:** Monoclonal 37 Clone number: A3 ←32kDa Host: Mouse 25 20 Immunoglobulin Type: IgG Purification: Affinity Chromatography. 15 Applications: WB, ICC, IHC-P, IHC-F, ELISA 10 Concentration: 500µg/mL **UOM:** 200µg Sample: Recombinant Tissue Factor, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant Tissue Factor (Gly34~Glu251) expressed in E.coli.

Accession No.: RPA524Hu01

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

MGHHHHHHSG S-GTTNTVAAY NLTWKSTNFK TILEWEPKPV NQVYTVQIST KSGDWKSKCF YTTDTECDLT DEIVKDVKQT YLARVFSYPA GNVESTGSAG EPLYENSPEF TPYLETNLGQ PTIQSFEQVG TKVNVTVEDE RTLVRRNNTF LSLRDVFGKD LIYTLYYWKS SSSGKKTAKT NTNEFLIDVD KGENYCFSVQ AVIPSRTVNR KSTDSPVECM GQEKGEFRE

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[ANTIBODY SPECIFITY]

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