MAB134Hu22 Monoclonal Antibody To Melanoma Associated Chondroitin Sulfate Proteoglycan (MCSP) 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) Western Blot [PRODUCT INFORMATION] kDa 70 Immunogen: MCSP, Human 44 **Clonality:** Monoclonal 33 Clone number: G1 26 ←25kDa 22 Host: Mouse 18 Immunoglobulin Type: IgG Purification: Affinity Chromatography. 14 Applications: WB, ICC, IHC-P, IHC-F, ELISA 10 **Concentration:** 500µg/mL **UOM:** 200µg Sample: Recombinant MCSP, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant MCSP (His559~Pro776) expressed in E.coli.

Accession No.: RPB134Hu01

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

MGHHHHHHSGSEF-HG SLMVILEHTQ KPLGPEVFQA YDPDSACEGL TFQVLGTSSG LPVERRDQPG EPATEFSCRE LEAGSLVYVH RGGPAQDLTF RVSDGLQASP PATLKVVAIR PAIQIHRSTG LRLAQGSAMP ILPANLSVET NAVGQDVSVL FRVTGALQFG ELQKQGAGGV EGAEWWATQA FHQRDVEQGR VRYLSTDPQH HAYDTVENLA LEVQVGQEIL SNLSFP

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[ANTIBODY SPECIFITY]

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