<u> Cloud-Clone Corp.</u>

MAA920Ge21 Monoclonal Antibody to Vitamin D3 (VD3) Organism Species: General *Instruction manual* 

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

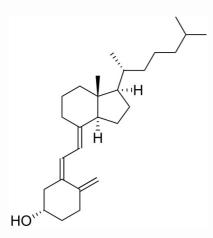
9th Edition (Revised in Jul, 2013)

### [PRODUCT INFORMATION]

Immunogen: VD3-BSA Clonality: Monoclonal Clone number: H5 Host: Mouse Immunoglobulin Type: IgG Purification: Affinity Chromatography. Applications: WB, ICC, IHC-P, IHC-F, ELISA Concentration: 500µg/mL UOM: 200µg

### [IMMUNOGEN INFORMATION]

Immunogen: Small Molecule, VD3 conjugated to BSA. Accession No.: CPA920Ge11 Chemical Formula: C<sub>27</sub>H<sub>44</sub>O Mol. Mass: 384.64g/mol Structural Formula:



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## [ANTIBODY SPECIFITY]

The antibody is a mouse monoclonal antibody raised against VD3 . It has been selected for its ability to recognize VD3 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% NaN<sub>3</sub>, 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.