

**MAA915Ge21****Monoclonal Antibody to 25-Hydroxyvitamin D3 (HVD3)*****Instruction manual***

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

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11th Edition (Revised in May, 2016)

**[ PROPERTIES ]****Source:** Monoclonal antibody preparation**Host:** Mouse**Antibody isotype:** IgG2a Kappa**Purification:** Protein A/G Affinity Chromatography.**Clone number:** D8**Traits:** Liquid**Concentration:** 500µg/mL**UOM:** 200µg**Applications:** ICC; IHC-P; IHC-F; ELISA; IP; AP; RIA.**[ IMMUNOGEN ]****Immunogen:** Small Molecule, HVD3 conjugated to OVA.**Accession No.:** CPA915Ge21**[ APPLICATIONS ]**

Immunocytochemistry in formalin fixed cells: 5-30ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-30ug/ml

Immunohistochemistry in paraffin section: 5-30ug/ml

Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml

Optimal working dilutions must be determined by end user.

**[ FORMULATION ]****Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.