MAB872Ra21 Monoclonal Antibody to Cluster Of Differentiation 3d (CD3d) Organism Species: Rattus norvegicus (Rat) *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] Western Blot Immunogen: CD3d, Rat kDa 75 **Clonality: Monoclonal** 50 Clone number: B3 37 Host: Mouse 25 20 Immunoglobulin Type: IgG Purification: Affinity Chromatography. 15 Applications: WB, ICC, IHC-P, IHC-F, ELISA -11kDa 10 Concentration: 500µg/mL **UOM:** 200µg Sample: Recombinant CD3d, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant CD3d (Phe22~Gly106) expressed in E.coli.

Accession No.: RPB872Ra01

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

MGHHHHHHSGSEF-FKIQVTEYE DKVFVTCNTS VMHLDGTVEG WFAKNKTLNL

GKGVLDPRGI YLCNGTEQLA KVVSSVQVHY RMCQNCVELD SGTMAG

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[ANTIBODY SPECIFITY]

The antibody is a mouse monoclonal antibody raised against CD3d. It has been selected for its ability to recognize CD3d 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.

[STORAGE]

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.