

MAB167Mu21

Monoclonal Antibody to Cluster Of Differentiation 4 (CD4)

Organism Species: Mus musculus (Mouse)

Instruction manual

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

[**PRODUCT INFORMATION**]

Immunogen: CD4, Mouse

Clonality: Monoclonal

Clone number: H5

Host: Rat

Immunoglobulin Type: IgG

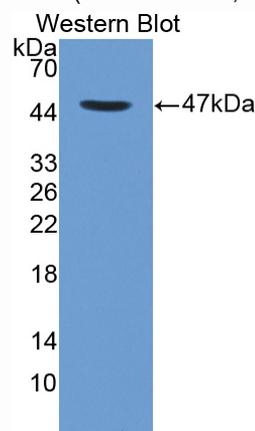
Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 500µg/mL

UOM: 200µg

9th Edition (Revised in Jul, 2013)



Sample: Recombinant CD4, Mouse

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant CD4 (Lys27~Thr394) expressed in *E.coli*.

Accession No.: RPB167Mu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.

MHHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF- KTLV
LGKEGESAE L PCESSQKKIT VFTWKFSQDR KILGQHGKGV LIRGGSPSQF DRFDSKKGAW
EKGSFPLIIN KLKMEDSQTY ICELENRKEE VELWVFKVTF SPGTSLLQGQ SLTLTLDNS
KVSNPLTECK HKKGKVVSGS KVLMSNLRV QDSDFWNCTV TLDQKKNWFG
MTLSVLGFQS TAITAYKSEG ESAEFSPLN FAEENGWGEL MWKAEKDSFF QPWISFSIKN
KEVSVQKSTK DLKLQLKETL PLTLKIPQVS LQFAGSGNLT LTLDKGTLHQ EVNLVVMKVA
QLNNTLTCEV MGPTSPKMRL TLKQENQEAR VSEEQKVVQV VAPETGLWQC
LLSEGDKVKM DSRIQVLSRG VNQT

[ANTIBODY SPECIFICITY]

The antibody is a rat monoclonal antibody raised against CD4. It has been selected for its ability to recognize CD4 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.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3 , 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.