

A90421Ra01
Polyclonal Antibody to Myelin Oligodendrocyte Glycoprotein (MOG)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in September, 2012)

[PRODUCT INFORMATION]

Immunogen: MOG

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Rat

Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

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

Form: Liquid

Size: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant rat MOG (Gly28~Gly152) expressed in *E.coli*.

Molecular Weight: 15.7 kDa

USCN accession No.: P90421Ra01

Sequence: The target protein is fused with a His-tag and its sequence is listed below.

MGHHHHHSGSEF-GQF RVIGPGHPIR ALVGDEAELP CRISPGKNAT GMEVGWYRSP FSRVVHLYRN GKDQDAEQAP
EYRGRTELLK ESIGEGKVAL RIQNVRFSD EGGYTCCFRDH SYQEEAAVEL KVEDPFYWIN PG



[ANTIBODY SPECIFICITY]

Anti MOG is a rabbit polyclonal antibody raised against rat MOG. This antibody has been selected for its ability to recognize rat MOG in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[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

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 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.

