




A93421Ra22**Polyclonal Antibody to Myosin Heavy Chain 8, Skeletal Muscle, Perinatal (MYH8)*****Instruction manual***

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

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]**Immunogen:** MYH8**Clonality:** Monoclonal**Host:** Mouse**Species Reactivity:** Rat**Ig type:** Mouse 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 MYH8 (His40~Val240) expressed in *E.coli*.**Molecular Weight:** 24.9kDa**USCN accession No.:** P93421Ra01**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-H TQNASLINAK KKLNDVSQL QSEVEEVIQR ARNAEEKAKK
AITDAAMMAE ELKKEQDTSA HLERMKNME QTVKDLQHRL DEAEQLALKG GKKQIQKLEA
RVRELEGEVE NEQKRNAEAV KGLRKHERRV KELTYQTEED RKNVLRQLDL
VDKLQAKVKS YKRQAEAEAE QSNVNLAQFR KLQHELEAE ERADIAESQV

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[ANTIBODY SPECIFICITY]

Anti MYH8 is a mouse monoclonal antibody raised against rat MYH8. This antibody has been selected for its ability to recognize rat MYH8 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.

[QUALITY CONTROL]

Content: The quality control contains recombinant rat MYH8 (His40~Val240) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading buffer: 100mM Tris(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 0.02%.

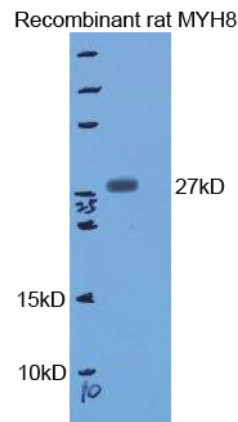
[IMAGES]




Western blot analysis of MYH8 Antibody.

[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.



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