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YB92646Hu22

Monoclonal Antibody to Myotubularin 1 (MTM1)

*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:** MTM1

**Clonality:** Monoclonal

**Host:** Mouse

**Species Reactivity:** Human

**Ig type:** Mouse IgG

**Purification:** Antibodies are purified by target protein affinity chromatography.

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

**Form:** Liquid

**Size:** 100ug

## [ IMMUNOGEN INFORMATION ]

**Immunogen:** Recombinant human MTM1 (His315~Cys482) expressed in *E. coli*.

**Molecular Weight:** 20.7 kDa

**USCN accession No.:** P92646Hu01

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

MGHHHHHSGS-HVMRES      LKKVKDIVYP      NVEESHWLSS      LESTHWLEHI      KLVLTGAIQV      ADKVSSGKSS      VLVHCSDGWD  
RTAQLTSLAM LMLDSFYRSI EGFEILVQKE WISFGHKFAS      RIGHGDKNHT DADRSPIFLQ FIDCVWQMSK QFPTAFEFNE  
QFLIIILDHL YSCRFGTFLF NC



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### [ ANTIBODY SPECIFICITY ]

Anti MTM1 is a mouse monoclonal antibody raised against human MTM1. This antibody has been selected for its ability to recognize human MTM1 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%Na<sub>3</sub>N, 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.