

# QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

## Myosin Light Chain Phosphatase Subunit hHS-M<sub>21</sub> Polyclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 56314

**Size:** 100 ug affinity-purified antibody  
in phosphate-buffered saline, pH 7.4.

### SPECIFICATION SUMMARY

**Antigen:** Human hHS-M<sub>21</sub> protein.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide

### SPECIFICITY

This antibody recognizes the hHS-M<sub>21</sub> subunit of human Myosin Light Chain Phosphatase which is comprised of three subunits: a 38 kD catalytic subunit, a large 110-130 kD myosin-binding subunit, and the small hHS-M<sub>21</sub> subunit of 20-21 kD. The small subunit interacts with the large myosin-binding subunit and has a regulatory role in cardiac muscle contraction.

### APPLICATIONS

*Immunoblotting:* use at 1:500-1:1,000 dilution. In immunoblots, a band of approximately 21 kD is detected.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*