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**AQ LIFE SCIENCES**

A DIVISION OF QUANTA BIODESIGN LIMITED

**Product Number: AQ-30117**

## **Goat anti-Human IgM, Fc5 $\mu$ fragment specific, AQuora<sup>®</sup> 750**

AQuora<sup>®</sup> 750-labeled Goat anti-Human IgM, Fc5 $\mu$  fragment specific is useful in fluorescent-based immunodetection applications. The Goat anti-Human IgM, Fc5 $\mu$  fragment specific antibody has been covalently labeled with near IR fluorochrome utilizing our exclusive SuperHydrophilic technology, resulting in improved solubility, limited non-specific binding, and improved signal-to-noise ratios compared to the classical near IR dye labeled antibodies (Alexa Fluor<sup>®</sup> 750, Cy7, DyLight<sup>®</sup> 755, and DyLight<sup>®</sup> 755 4x PEG), while maintaining identical photophysical properties.

Alexa Fluor<sup>®</sup> and DyLight<sup>®</sup> are registered trademarks of Thermo Fisher Scientific

### **Product Number:**

**AQ-30117**

**Concentration:**

1 mg/ml

**Buffer:**

PBS, pH 7.2, with 1% BSA, and other proprietary stabilizers

**Preservative:**

0.1% Kathon CG/ICP

**Storage and Handling:**

Store at 4°C for up to 12 months. To extend shelf life, aliquot and store at -20°C or below and avoid repeated freeze-thaw cycles. Alternatively, add an equal volume of molecular biology grade glycerol (50% final concentration) and store at -20°C as a liquid. Protect from light.

### **Antibody Information**

**Target Antigen:**

Human IgM, Fc5 $\mu$  fragment specific

**Host:**

Goat

**Clonality:**

Polyclonal

**Antibody Country of Origin:**

United States of America

### **Label Information**

**Excitation / Emission Maximum (nm):**

**AQuora<sup>®</sup> 750**  
755nm/780nm

**Spectrally Similar Dyes:**

Alexa Fluor<sup>®</sup> 750, Cy7, DyLight<sup>®</sup> 755, and DyLight<sup>®</sup> 4x PEG

FOR RESEARCH USE ONLY. THIS PRODUCT IS A LABORATORY REAGENT AND IS NOT TO BE ADMINISTERED TO HUMANS OR ANIMALS. IT IS NOT TO BE USED FOR ANY DIAGNOSTIC OR THERAPEUTIC PURPOSE. NOT FOR RESALE.

SuperHydrophilic<sup>™</sup> is a trademark of Quanta BioDesign, Ltd. dPEG<sup>®</sup>, AQuora<sup>®</sup>, Q-Bright<sup>®</sup>, AQ<sup>®</sup>, Q-Link<sup>®</sup>, and Q-Tag<sup>®</sup> are all registered trademarks of Quanta BioDesign, Ltd.