



**Quanta BioDesign, Ltd**  
 7500 Montgomery Drive,  
 Plain City, Ohio 43064

**Office** 614.792.2958  
**Fax** 614.760.9781

**QuantaBioDesign.com**

**AQ LIFE SCIENCES**  
 A DIVISION OF QUANTA BIODESIGN LIMITED

**Product Number: 11-0301-1015**

**Goat anti-Human IgG (H&L), AQuora® 550  
*min X Monkey***

AQuora® 550-labeled Goat anti-Human IgG (H&L) adsorbed to monkey IgG (11-0301-1015) is suitable for use in immunodetection applications. The Goat anti-Human IgG (H&L) antibody has been covalently labeled with a cyanine-based dye utilizing our exclusive SuperHydrophilic technology, designed to improve solubility and reduce non-specific binding, while maintaining photophysical properties of spectrally comparable dyes (Alexa Fluor® 555, Cy3, and DyLight® 550, and DyLight® 550 2x PEG).

Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific

**Product Number:** 11-0301-1015  
**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 IgG (H&L)  
**Host:** Goat  
**Clonality:** Polyclonal  
**Minimal Cross Reactivity to:** Monkey  
**Antibody Country of Origin:** United States of America

**Label Information**

**AQuora® 550**  
**Excitation / Emission Maximum (nm):** 554nm/570nm  
**Spectrally Similar Dyes:** Alexa Fluor® 555, Cy3, DyLight® 550, and DyLight® 550 2x PEG

<b>APPLICATIONS</b>	<b>SUGGESTED DILUTION RANGE</b>
Western Blot	1:1,000 - 1:100,000
Flow Cytometry	
Immunofluorescence	1:100-1:10,000

\*Optimal dilutions must be determined by the end user in their individual systems



*Combining the exclusive technology of Quanta BioDesign  
 with the antibody excellence of American Qualex*

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.  
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