



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: 11-0401-0521

Goat anti-Rat IgG (H&L), AQuora® 800
min X Mouse, Human, Bovine, Horse

AQuora® 800-labeled Goat anti-Rat IgG (H&L) adsorbed to mouse, human, bovine and horse IgG is useful in the fluorescent-based immunodetection applications. The adsorption profile (mouse, human, bovine, horse) makes this product suitable for multiplexing in immunofluorescent applications, fluorescent immunostaining of mouse and human tissues, and applications using either bovine or horse serum in medias or buffers. The Goat anti-Rat IgG (H&L) 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® 790, DyLight® 800, DyLight® 800 4x PEG, IRDye® 800CW), while maintaining identical photophysical properties. This AQuora® 800-labeled Goat anti-Rat IgG (H&L) is useful in fluorescent western blots and flow cytometry. Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific. IRDye® is a registered trademark of Licor®.

Product Number: 11-0401-0521
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 4C for up to 12 months. To extend shelf life, aliquot and store at -20C or below and avoid repeated freeze-thaw cycles. Alternatively, add an equal volume of molecular biology grade glycerol (50% final concentration) and store at -20C as a liquid. Protect from light.

Antibody Information

Target Antigen: Rat IgG (H&L)
Host: Goat
Clonality: Polyclonal
Minimal Cross Reactivity to: Mouse, Human, Bovine, Horse
Antibody Country of Origin: United States of America

Label Information

Excitation / Emission Maximum (nm): AQuora® 800 782nm/809nm
Spectrally Similar Dyes: Alexa Fluor® 790, DyLight® 800, DyLight® 800 4x PEG, and IRDye® 800 dye

APPLICATIONS	SUGGESTED DILUTION RANGE
Western Blot	
Flow Cytometry	
Immunofluorescence	

*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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