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AQ LIFE SCIENCES
 A DIVISION OF QUANTA BIODESIGN LIMITED

Product Number: 21-0100-0121

Streptavidin, AQuora® 800

AQuora® 800-labeled Streptavidin is useful in the fluorescence-based detection of biotinylated proteins. Streptavidin 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® 790, DyLight® 800, DyLight® 800 4x PEG, IRDye® 800CW). AQuora® 800-labeled streptavidin is useful in the classic range of applications including immunofluorescence, fluorescent western blots, and flow cytometry. For best results, use this product in conjunction with our SuperHydrophilic line of biotinylated antibodies.

Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific. IRDye® is a registered trademark of Licor®.

Product Number: 21-0100-0121
Concentration: 1mg/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.

Country of Origin:

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

APPLICATIONS	SUGGESTED DILUTION RANGE
Western Blot	
ELISA	
IHC	

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

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