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AQ LIFE SCIENCES
A DIVISION OF QUANTA BIODESIGN LIMITED

Product Number: AQ-70021

Protein A, dPEG[®] Biotin

dPEG[®] biotinylated Protein A, can be used to detect and probe rabbit and human antibodies, with a preference for IgG isotypes in a range of immunoassays. Protein A, isolated from *Staphylococcus aureus*, is biotinylated using our SuperHydrophilic technology designed to improve solubility, limit non-specific binding and improve signal to noise ratios. Protein A contains four high-affinity binding sites that can interact with the Fc region of species specific IgGs in a pH-dependent manner and biotin has a high binding affinity for streptavidin. Protein A, Biotin is useful in Western blot, ELISA, IHC applications among other immunoassays. For best results, use Protein A, Biotin in conjugation with our SuperHydrophilic Streptavidin-HRP conjugates and Q-Bright[®] chemiluminescence detection reagents or Aquora dye labeled streptavidin for fluorescent-based detection systems.

Product Number:

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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. Protect from light.

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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