

Annexin V-Biotin Azide-Free Lyophilized Powder

Cat. No: E-CK-A110U

Size: 25 µg/100 µg

Cat.	Product	25 µg	100 µg	Storage
E-CK-A110U	Annexin V-Biotin Azide-Free Lyophilized Powder	25 µg	100 µg	-20°C, shading light

Storage

The lyophilized powder is stable for at least two years when stored at -20°C in the dark after arrival. After reconstitution, the reagent can be stored in the dark under sterile conditions at 2~8°C for at least 6 months.

Introduction

Elabscience® Annexin V-Biotin Azide-Free Lyophilized Powder is developed for long-term storage and user-defined concentrations of Biotin-conjugated Annexin V. It contains no preservatives like azides or Proclin. Annexin V is a member of the annexin family, which binds to phosphatidylserine (PS) in a calcium-dependent manner. The Biotin -conjugated format of this protein, Annexin V- Biotin, binds specifically to the PS displayed on the outer leaflet of apoptotic cell membrane. The signal of Annexin V- Biotin can be collected with flow cytometry or fluorescence microscopy to detect cell apoptosis.

Reconstitution

Reconstitute the reagent with sterile deionized water. Make sure the final concentration is less than 1 mg/ml. (This concentration is high enough for stock solution. In our internal tests, working solutions with 1~2 µg/mL Annexin V-Biotin have best results for flow cytometry.) For example, at least 10 µL water should be added to 10 µg Annexin V- Biotin. Otherwise, the lyophilized cake may not be thoroughly soaked in water.

Cautions

1. This product is for research use only.
2. For maximal assay performance, this reagent should be used within 12 months. Avoid freeze / thaw cycles.
3. For your safety and health, please wear the lab coat and disposable gloves before the experiments.

For Research Use Only

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