

## **Annexin V, His Tag**

<http://www.lumiprobe.com/p/annexin-v>

Annexin V (or Annexin A5) belongs to the phospholipid-binding Annexin family of intracellular proteins. In flow cytometry and fluorescent microscopy, Annexin V is commonly used to detect apoptotic cells by its ability to specifically bind to phosphatidylserine, which migrates from the inner to the outer leaflet of the plasma membrane during the early stages of apoptosis.

Annexin V protein can be used for inhibiting the procoagulant and proinflammatory activities of the apoptotic cells. It also can be labeled with fluorescent dye using one of our [Protein Labeling Kits](#). This protein carries a polyhistidine tag at the C-terminus and can be recognized with Anti-His Tag Antibodies.

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### **General properties**

Molecular weight: 37.0 kDa

Quality control: NMR  $^1\text{H}$  and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.