

# exbio

A Brighter Future in Flow

## Annexin V

**fluorescently labeled recombinant protein  
available for sale under your brand name**

**Application:**

Fluorescently labeled Annexin V can be used for direct quantification of apoptotic cells with appropriate buffer (Annexin V Binding Buffer), using suitable protocols .

**Description:**

Annexin V (35 kDa) is a member of the annexin family of intracellular proteins and is binding to phosphatidylserine (PS) in a calcium-dependent manner. PS is in healthy cells found only on the intracellular side of the plasma membrane, but during early apoptosis, membrane asymmetry is lost and PS translocates to the external surface of the cells.

**Reactivity:**

All mammalian species

**Preparation:**

Bacterially expressed (recombinant) full length human Annexin V is purified to homogeneity (> 95% by HPLC).

Fluorescently labelled Annexin is conjugated with fluorochrome under optimum conditions. The reagent is free of unconjugated fluorochrome.

**Formulation:**

Reagent is provided in phosphate buffered saline (PBS), on request containing 15 mM sodium azide.

**Available formats:**

FITC / PE / APC / Dyomics 647 (other formats available on request)

**Available packaging:**

OEM packaging:

Fluorescently labelled Annexin V – 100 tests

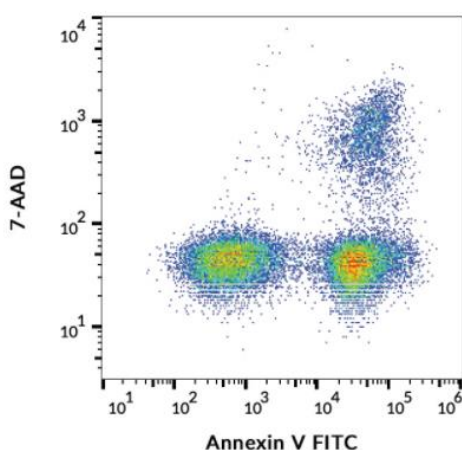
Other packaging available on request

**EXBIO  
offers the  
best prices**

**Related reagents available:**

Annexin V Binding Buffer (10x concentrated) 50 ml packaging  
Propidium Iodide solution (100 tests packaging)/ 7-AAD Viability staining solution (400 tests packaging)

Complete Apoptosis detection kit FITC (100 tests) OEM packaging available on request



Flow cytometry staining of apoptotic JURKAT cells with annexin V FITC and 7-AAD.



EXBIO Praha, a.s.

Nad Safinou II 341  
252 50 Vestec  
Czech Republic

Tel. +420 261 090 595  
orders@exbio.cz  
technical@exbio.cz

[www.exbio.cz](http://www.exbio.cz)

**Do you need another antibody or protein or only look for a production device for your products?  
Contact our Custom services department at [info@exbio.cz](mailto:info@exbio.cz)!**