

# Product Data Sheet

Date of Issue: 26 Nov 2019

## 1. Product Information

- Product Name : Annexin V-Flamma® 648
- Catalog Number : XAP2402
- Packing Unit : 50 tests / 250 tests / 1000 tests
- Appearance : Blue Liquid
- Storage Conditions : Protect from Light at 4 °C

## 2. Additional Information

- Fluorophore Label : Flamma® 648
- Molecular Weight : ~36kDa
- Excitation<sub>Max</sub> : 648 nm
- Emission<sub>Max</sub> : 663 nm

## 3. Description

Annexin V-Flamma® 648 is a fluorescent probe for selective labeling of externalized PS, an indicator of intermediate stages of apoptosis. Flamma® dyes display strong absorption, high fluorescence quantum yield and high photostability, and they maintain good fluorescence activity and stability after conjugation to biomolecules. The maxima of Ex/Em are at 648/663 nm. This probe can be utilized in fluorescent imaging as well as for flow cytometry of apoptotic cells. This effective probe can be used alone or in combination with other dyes such as propidium iodide (PI). BioActs offers Annexin V-Flamma® 648 as an efficient fluorescent probe in flow cytometric analysis of apoptosis.