

Product Datasheet

Annexin V-FITC/PI Apoptosis Detection Kit (orb1566781)

Catalog Number orb1566781

Category Tools

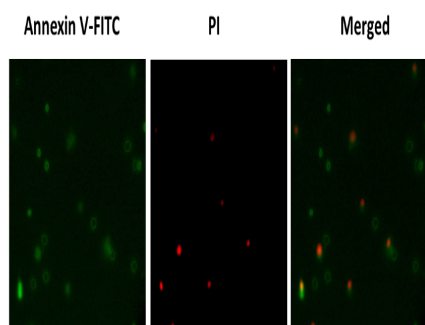
Description PS is normally distributed on the inside of the cell membrane, that is, on the side adjacent to the cytoplasm. In the early stages of cell apoptosis, different types of cells will evert PS to the outside of the cell membrane. Using FITC-labeled Annexin V, namely Annexin V-FITC, PS evagination, an important feature of cell apoptosis, can be detected by flow cytometry or fluorescence microscopy

Storage Store away from light at 2-8°C, valid for one year. Annexin V-FITC cannot be frozen

Background This kit is used to detect the early occurrence of cell apoptosis. Annexin V is a member of the annexin family of intracellular proteins that selectively binds to phosphatidylserine (PS) in a calcium ion-dependent manner

Note For research use only

Experimental data



After incubating C6 cells (rat glioma cells) with apoptosis activator 2 for 1.5 hours, the Annexin V-FITC/PI apoptosis detection kit was used to detect the staining effect. Cells stained only by green fluorescence are pre-apoptotic cells, while cells stained double-stained by green and red are late apoptotic or necrotic cells

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