

Annexin V Binding Buffer

Catalog # / Size: 422201 / 100 ml

Storage: This product is guaranteed for nine months. Store between 2°C and 8°C.

Applications:

Applications: FC - *Quality tested*
IF - *Reported in the literature*

Recommended Usage: Annexin V Binding Buffer is recommended for use with Annexin V reagents. Cells should be resuspended in Annexin V Binding Buffer at a concentration 1×10^6 /ml and then combined with Annexin V reagents at the recommended volumes.

Application Notes: **Annexin V Staining**

1. Wash cells twice with cold BioLegend cell staining buffer (cat # 420201) and then resuspend cells in Annexin V Binding Buffer (cat # 422201) at a concentration of 1×10^6 cells/ml.
2. Transfer 100 μ l of cell suspension in 5 ml test tube.
3. Add 5 μ l of fluorochrome conjugated Annexin V.
4. Add 10 μ l of PI solution (cat # 421301) or 7-AAD (cat # 420403/420404).
5. Gently vortex the cells and incubate for 15 min at RT (25 °C) in the dark.
6. Add 400 μ l of Annexin V Binding Buffer (cat # 422201) to each tube. Analyze by flow cytometry.

- Application References:**
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 2. Soon PS, et al. 2013. *Endocr Relat Cancer*. 20:1. PubMed
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 6. Beggs KM, et al. 2014. *Toxicol Sci*. 137:91. PubMed
 7. Miyazawa M, et al. 2014. *Mol Biol Cell*. 25:2116. PubMed
 8. Burbulla LF, et al. 2014. *Cell Death Dis*. 5:1180. PubMed
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Description: Annexin V Binding Buffer has been formulated for flow cytometric labeling of apoptotic cells with Annexin V reagents. The buffer is provided as a ready-to-use solution.

Related Products:	Product	Clone	Application
	FITC Annexin V		FC



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