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Product Data Sheet

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 $1x10^6$/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 $1x10^6$ cells/ml.
2. Transfer 100 µl of cell suspension in 5 ml test tube.
3. Add 5 µl of fluorochrome conjugated Annexin V.
4. Add 10 µl 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 µl of Annexin V Binding Buffer (cat # 422201) to each tube. Analyze by flow cytometry.

Application References:
1. Vermes I, et al. 1995. *J. Immunol. Methods* 184:39.
2. Soon PS, *et al.* 2013. *Endocr Relat Cancer.* 20:1. PubMed
3. Turner JE, *et al.* 2013. *J Exp Med.* PubMed
4. Lindner JM, *et al.* 2013. *Mol Cell Biol.* 33:4628. PubMed
5. Turner JE, *et al.* 2013 *J. Exp Med.* 210:2951. PubMed
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
9. de Vires M, 2014. *Am J Physiol Lung Cell Mol Physiol.* 307:240. PubMed
10. Sahin E, 2014. *J. Immunol.* 193:1717. PubMed

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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