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Zuschläge

- Mindermengenzuschlag
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- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

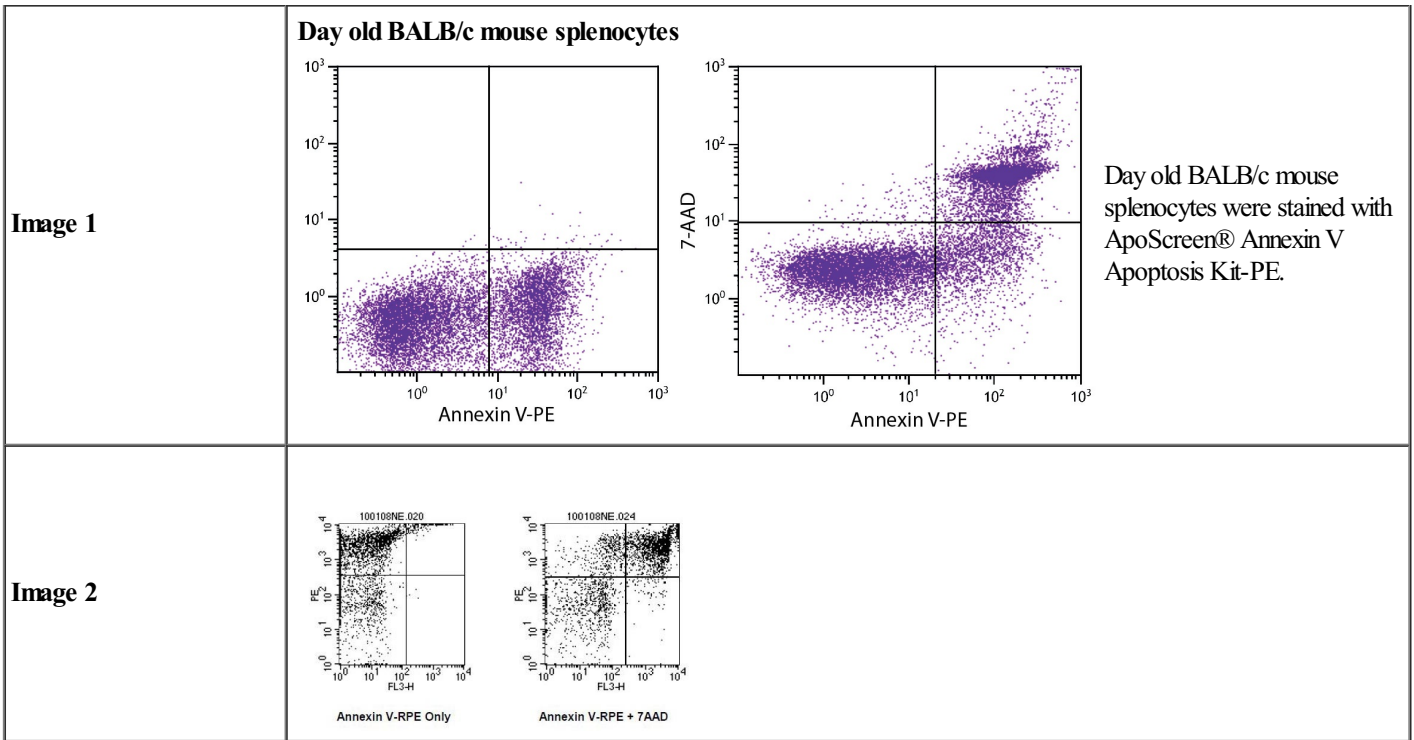
F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	OKSB00008
Product Page	www.avivasysbio.com/aposcreen-annexin-v-apoptosis-kit-pe-oks00008.html
Name	Aposcreen Annexin V Apoptosis Kit : PE (OKSB00008)
Conjugation	R-PE
Host	Expressed in E. coli
Reference	<ol style="list-style-type: none"> 1. Cohen, J.J. 1991. Adv. Immunol. 50:55 2. MacDonald, HR, and R.K. Lees. 1990. Nature 343:642 3. Liu, Y.J., et al. 1989. Nature 342:929 4. Arends, M.J., and A.H. Wylie. 1991. Int. Rev. Exp. Pathol. 32:223 5. Wylie, A.H., et al. 1991. J. Pathol. 142:67 6. Fadok, V.A., et al. 1992. J. Immunol. 148:22077. Tait, J.F., et al. 1989. J. Biol. Chem. 264:7944 8. Andree, H.A., et al. 1990. J. Biol. Chem. 265:4923 9. Thiagarajan, P., et al. 1990. J. Biol. Chem. 265:17420 10. Dachary, P.J., et al. 1993. Blood 81:2554 11. Koopman, G., et al. 1994. Blood 84:1415 12. Martin, S.J., et al. 1995. J. Exp. Med. 182:1545 13. Wood, B.L., et al. 1996. Blood 88:1873 14. Gavriell, Y., et al. 1992. J. Cell. Biol. 119:493.
Application Kit	<p>- 1 mL Annexin V- FITC: Store at 2- 8 C. Use as directed; no pre- dilution necessary</p> <p>- 1 mL propidium iodide: Store at 2- 8 C. Use as directed; no pre- dilution necessary. Avoid skin contact and dispose of properly</p> <p>- 7 x 1.5 mL 10X binding buffer: Store at 2- 8 C. Dilute 1 part 10X buffer with 9 parts dH2O prior to use</p> <p>Note: Annexin V is produced by Aviva Systems Biology</p>
Reconstitution and Storage	Store at 2-8C
Datasheets/Manuals	Printable datasheet for Aposcreen Annexin V Apoptosis Kit : PE (OKSB00008)
Additional Information	<p>Description: ApoScreen Annexin V Apoptosis Kit-PE employs a R-phycoerythrin-conjugated Annexin V (Annexin V-PE) in concert with 7-Aminoactinomycin D (7-AAD) to evaluate subpopulations of cells undergoing apoptosis. During the early stages of apoptosis, cells begin to display phosphatidylserine (PS) on the outer cell membrane where it is readily detectable by staining the cells with Annexin V-PE. As the plasma membrane becomes increasingly permeable during the later stages of apoptosis, 7-AAD can readily move across the cell membrane and bind to cellular DNA, providing a means for identifying those cells that have lost membrane integrity through mechanisms including necrosis. When cells are double stained with Annexin V-PE and 7-AAD, three different cell populations may be observed - (i) live cells that do not stain with either Annexin V-PE or 7-AAD; (ii) necrotic cells that stain with both reagents; and (iii) apoptotic cells that stain with Annexin V-PE only. Analysis may be performed on any flow cytometer equipped with a single laser using excitation at 488 nm.</p>
Assay Info	<p>The ApoScreen Annexin V Apoptosis Kit employs a fluorescein- labeled annexin V (annexin V- FITC) in concert with propidium iodide (PI) to evaluate subpopulations of cells undergoing apoptosis. During the early stages of apoptosis, cells begin to display PS on the outer cell membrane where it is readily detectable by staining the cells with annexin V-FITC. As the plasma membrane becomes increasingly permeable during the later stages of apoptosis, PI can readily move across the cell membrane and bind to cellular DNA, providing a means for identifying those cells that have lost membrane integrity through mechanisms including necrosis. When cells are double stained with annexin V- FITC and PI, three different cell populations may be observed (Figure 2): (i) live cells that do not stain with either annexin V- FITC or PI; (ii) necrotic cells that stain with both reagents; and (iii) apoptotic cells that stain with annexin V- FITC only. Analysis can be performed on any flow cytometer equipped with a single laser using excitation at 488 nm. Alternatively, the cells can be examined with a fluorescence microscope equipped with filters for discrimination of FITC and rhodamine/PI.</p>
Application	FC



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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com