

Clusterin Overexpression is Responsible for the Anti-apoptosis Effect in a Mouse Neuroblastoma Cell Line, B103

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Z. Naturforsch. **58c**, 148–151 (2003);
received July 29/October 11, 2002

The functional role of clusterin in apoptosis was examined using flow cytometry. Clusterin cDNA was transfected into the mouse neuroblastoma cell line, B103, in order to determine if clusterin overexpression inhibits apoptosis. The increased clusterin expression level in the B103 cells tended to suppress the apoptotic index. This suggests an association of clusterin gene expression with apoptosis inhibition. These results support the conclusion that clusterin expression in B103 cells has an anti-apoptotic influence.

Key words: Clusterin, Apoptosis, Flow Cytometry