# Transfer to *in vitro* Conditions Influences Expression and Intracellular Distribution of Galectin-3 in Murine Peritoneal Macrophages

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Galectin-3 is a β-galactoside-binding lectin that has been implicated in numerous physiological processes, including mRNA splicing, cell differentiation, tumor metastasis and the stress response. We have studied effects of transfer of resident murine peritoneal macrophages to *in vitro* conditions on galectin-3 in different cell compartments. Galectin-3 was purified by immunoprecipitation with rat monoclonal antibody M3/38, and analyzed by immunoblotting using the same antibody. Transfer to *in vitro* conditions nearly doubled the total amount of galectin-3 in cells, and caused significant alterations in its intracellular distribution, indicating that galectin-3 is involved in the adaptation of peritoneal macrophages to *in vitro* conditions.