

Expression of transmembrane and soluble forms of CD44H in human myeloid cell lines and its regulation by hyaluronic acid

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Using myeloid cell lines, it has been demonstrated that hyaluronan modulates transmembrane and soluble CD44H expression in immature (KG1a) but not mature (KG1) progenitors. Concomitantly, cell proliferation is decreased. This effect suggests that the specific interaction of CD44H with its ligand not only delineates a specific cell-matrix adhesive system, but also a proliferation signal.