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(57) Abstract

The invention relates to a novel monoclonal antibody and a hybridoma cell line producing said antibody. The monoclonal antibody, a preferred embodiment of which is named 14D9.F8, has the following properties: reacting only with the αv–chain of human αv–integrins, and inhibiting selectively the attachment to the integrin substrate fibronectin of the αvβ6–integrin bearing cell.