

DESIGN CLONING AND EXPRESSION OF HUMANIZED
MONOCLONAL ANTIBODIES AGAINST HUMAN INTERLEUKIN-5

ABSTRACT OF THE DISCLOSURE

A monoclonal antibody is provided which specifically binds to human interleukin-5. Also provided are a hybridoma which produces the monoclonal antibody;
5 complementary DNAs which encode the heavy and light chain variable regions of the monoclonal antibody and CDRs therefrom; humanized monoclonal antibodies; and pharmaceutical compositions comprising the monoclonal antibody or anti-idiotypic antibodies directed against it,
10 humanized monoclonal antibodies, binding fragments, binding compositions or single-chain binding proteins derived from the antibody and a physiologically acceptable carrier.

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