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ABSTRACT

A reshaped human anti-HM 1.24 antibody comprising:

(A) an L chain comprising

(1) the C region of a human L chain, and

(2) the V region of an L chain comprising the FR of a human L chain and the CDR of the L chain of a mouse anti-HM 1.24 monoclonal antibody; and

(B) an H chain comprising

(1) the C region of a human H chain, and

(2) the V region of an H chain comprising the FR of a human H chain and the CDR of the H chain of a mouse anti-HM 1.24 monoclonal antibody.

Since most of this reshaped human antibody is derived from human antibody and the CDR has a low antigenicity, the reshaped human antibody of the present invention has a low antigenicity and, therefore, is expected to be used for medical treatment.

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