

ABSTRACT

RESHAPED HUMAN ANTIBODY TO HUMAN INTERLEUKIN-6 RECEPTOR

A reshaped human antibody to the human IL-6R,
comprising: (A) an L chain comprising,
5 (1) a human L chain C region, and
(2) an L chain V region comprising human L
chain framework regions (FRs), and mouse L chain
complementary determination regions (CDRs) of a
monoclonal antibody to the IL-6 receptor (IL-6R); and
10 (B) an H chain comprising,
(1) a human H chain C region, and
(2) an H chain V region comprising human H
chain FRs, and mouse H chain CDRs of a monoclonal
antibody to the IL-6R.

15 Since major portion of the reshaped human antibody
is derived from a human antibody and the mouse CDRs which
are less immunogenic, the present reshaped human antibody
is less immunogenic to human, and therefor is promised
for therapeutic uses.

(Figure 14)