ABSTRACT

ANTIBODIES TO CCR2

Provided are antibodies including human antibodies and antigen-binding portions thereof that specifically bind to CCR2, specifically human CCR2, and that may function to inhibit CCR2. Anti-CCR2 antibodies include those which bind to the first and/or second extracellular loops of CCR2. Also provided are human anti-CCR2 antibodies and antigen-binding portions thereof. Isolated heavy and light chain immunoglobulins derived from human anti-CCR2 antibodies and nucleic acid molecules encoding such immunoglobulins are provided. Methods of making human anti-CCR2 antibodies or antigen-binding portions, compositions comprising these antibodies or antigen-binding portions, methods of using the antibodies and antigen-binding portions, and compositions for diagnosis and treatment are provided. Also provided are gene therapy methods using nucleic acid molecules encoding the heavy and/or light immunoglobulin molecules that comprise the human anti-CCR2 antibodies or antigen-binding portions thereof.

Figure. 3