MONOCLONAL ANTIBODIES AGAINST CD30 LACKING FUCOSYL RESIDUES

Abstract

The invention pertains to anti-CD30 antibodies that lack fucosyl residues. The antibodies of the invention exhibit increased antibody-dependent cellular cytotoxicity (ADCC) activity, including the ability to lyse CD30-expressing cell lines that are not lysed by the fucosylated form of the antibodies. The invention also provides host cells that express the anti-CD30 antibodies that lack fucosyl residues, wherein the host cells are deficient for a fucosyl transferase. Methods of using the antibodies to inhibit the growth of CD30+ cells, such as tumor cells, are also provided.

No suitable figure