

CLAIMS

1. An anti-CD154 antibody or antibody fragment which comprises a variable heavy chain polypeptide comprising the amino acid sequence of SEQ ID NO: 1 and a variable light chain polypeptide comprising the amino acid sequence of SEQ ID NO: 2.
2. An anti-human CD154 antibody or antibody fragment according to claim 1, which comprises human IgG1, IgG2, IgG3 or IgG4 constant regions.
3. An anti-human CD154 antibody or antibody fragment according to claim 1, which comprises human IgG1 constant regions.
4. An anti-human CD154 antibody or antibody fragment according to claim 1, which comprises human IgG1 constant regions which comprise a E269R mutation and a K322A mutation (wherein numbering according to Kabat).
5. An anti-human CD154 antibody or antibody fragment according to claim 1, which comprises heavy and light chain human IgG1 constant regions respectively comprising the amino acid sequence of SEQ ID NO:3 and the amino acid sequence of SEQ ID NO:4.
6. A composition comprising an anti-human CD154 antibody or antibody fragment according to claim 1 and a pharmaceutically acceptable carrier.
7. A composition comprising an anti-human CD154 antibody or antibody fragment according to claim 2 and a pharmaceutically acceptable carrier.
8. A composition comprising an anti-human CD154 antibody or antibody fragment according to claim 3 and a pharmaceutically acceptable carrier.
9. A composition comprising an anti-human CD154 antibody and antibody fragment according to claim 4 and a pharmaceutically acceptable carrier.
10. A composition comprising an anti-human CD154 antibody and antibody fragment according to claim 5 and a pharmaceutically acceptable carrier.