Claims:

1. A nucleic acid encoding a chimeric antigen receptor (CAR) comprising:

(a) a polynucleotide encoding an anti-fluorescein scFv and nucleic acid having at least about 95% sequence identity to SEQ ID NO:01, or 04; or

(b) a polynucleotide having the sequence set forth in SEQ ID NO:01, or 04.

2. A polypeptide encoded by the nucleic acid of claim 1.

3. The polypeptide of claim 2, wherein said polypeptide comprises or consists of humanized, or human amino acid sequences.

4. A cell comprising the polypeptide of claim 3.

5. A cell comprising the polypeptide of claim 2.

6. The cell of claim 5, wherein the cell is a T lymphocyte or cytotoxic T lymphocyte.

7. A vector comprising the nucleic acid of claim 1.

8. A cell comprising the vector of claim 7.

9. The vector of claim 7, wherein said vector is a lentiviral vector.

10. A cell comprising the vector of claim 9.

11. A cell comprising the nucleic acid of claim 1.

12. The cell of claim 11, wherein the cell is a T lymphocyte or cytotoxic T lymphocyte.

13. The nucleic acid of claim 1 comprising a polynucleotide having at least 95% sequence identity to SEQ ID NO:01.

14. The nucleic acid of claim 1 comprising a polynucleotide having at least 95% sequence identity to SEQ ID NO:04.