

What is claimed:

1. An isolated antibody, which binds to human TIM3, comprising
a heavy chain CDR1 comprising the amino acid sequence set forth in SEQ ID NO: 41, a heavy chain CDR2 comprising the amino acid sequence set forth in SEQ ID NO: 122, and a heavy chain CDR3 comprising the amino acid sequence set forth in SEQ ID NO: 126, and a light chain CDR1 comprising the amino acid sequence set forth in SEQ ID NO: 64, a light chain CDR2 comprising the amino acid sequence set forth in SEQ ID NO: 66, and a light chain CDR3 comprising the amino acid sequence set forth in SEQ ID NO: 68.
2. The antibody of claim 1, comprising a heavy chain variable region (VH) and a light chain variable region (VL), wherein the VH comprises the amino acid sequence set forth in SEQ ID NO: 364 and the VL comprises the amino acid sequence set forth in SEQ ID NO: 60.
3. The antibody of claim 1, wherein the antibody is selected from the group consisting of an IgG1, an IgG2, an IgG3, an IgG4, and a variant thereof.
4. The antibody of claim 1, comprising an effectorless IgG1 Fc.
5. The antibody of claim 1, comprising a heavy chain and a light chain, wherein the heavy chain comprises the amino acid sequence set forth in SEQ ID NO: 349 and the light chain comprises the amino acid sequence set forth in SEQ ID NO: 29.
6. The antibody of claim 1, comprising a heavy chain and a light chain, wherein the heavy chain comprises the amino acid sequence set forth in SEQ ID NO: 351 and the light chain comprises the amino acid sequence set forth in SEQ ID NO: 29.
7. The antibody of claim 1, comprising a heavy chain and a light chain, wherein the heavy chain comprises the amino acid sequence set forth in SEQ ID NO: 353 and the light chain comprises the amino acid sequence set forth in SEQ ID NO: 29.
8. A composition comprising the antibody of claim 1, and a carrier.
9. The antibody of claim 1, comprising a heavy chain and a light chain, wherein the heavy chain comprises the amino acid sequence set forth in SEQ ID NO: 350 and the light chain comprises the amino acid sequence set forth in SEQ ID NO: 29.
10. The antibody of claim 1, comprising a heavy chain and a light chain, wherein the heavy chain comprises the amino acid sequence set forth in SEQ ID NO: 352 and the light chain comprises the amino acid sequence set forth in SEQ ID NO: 29.
11. The antibody of claim 1, comprising a heavy chain and a light chain, wherein the heavy chain comprises the amino acid sequence set forth in SEQ ID NO: 354 and the light chain comprises the amino acid sequence set forth in SEQ ID NO: 29.
12. A composition comprising the antibody of claim 2, and a carrier.
13. A composition comprising the antibody of claim 5, and a carrier.
14. A composition comprising the antibody of claim 6, and a carrier.
15. A composition comprising the antibody of claim 7, and a carrier.
16. A composition comprising the antibody of claim 9, and a carrier.
17. A composition comprising the antibody of claim 10, and a carrier.
18. A composition comprising the antibody of claim 11, and a carrier.

19. The antibody of claim 2, wherein the antibody is selected from the group consisting of an IgG1, an IgG2, an IgG3, an IgG4 and a variant thereof.
20. The antibody of claim 2, comprising an effectorless IgG1 Fc.
21. A composition comprising the antibody of claim 19, and a carrier.
22. A composition comprising the antibody of claim 20, and a carrier.