What is claimed is:

1. An isolated human antibody or antigen-binding fragment thereof that binds to and neutralizes human TGFβ1, TGFβ2 and TGFβ3, comprising

a heavy chain variable (VH) domain comprising SEQ ID NO:1 with a substitution selected from the group consisting of S30A, S30H, S30W, E74A, E74C, E74D, E74F, E74G, E74H, E74L, E74P, E74Q, E74R, E74S, E74T, E74W, and E74Y; and

a light chain variable (VL) domain comprising SEQ ID NO:2.

2. The antibody of claim 1, wherein the VH domain further comprises a human IgG constant region.

3. The antibody of claim 2, wherein the IgG constant region is a human IgG4 constant region.

4. The antibody of claim 3, wherein the antibody further comprises a human κ constant region.

5. The antibody of claim 4, wherein the human IgG4 constant region comprises SEQ ID NO:3, and the human κ constant region comprises SEQ ID NO:4.

6. The antigen-binding fragment of claim 1, wherein the antigen-binding fragment comprises a Fab, Fab', $F(ab')_2$, scFv, or di-scFv.

7. A pharmaceutical composition comprising the antibody or antigen-binding fragment of claim 1.

8. An isolated nucleic acid encoding the heavy chain, or both the heavy and light chains, of a human antibody or antigen-binding fragment thereof that binds to and neutralizes human TGFβ1, TGFβ2 and TGFβ3, wherein the antibody or fragment comprises

a heavy chain variable (VH) domain comprising SEQ ID NO:1 with a substitution selected from the group consisting of S30A, S30H, S30W, E74A, E74C, E74D, E74F, E74G, E74H, E74L, E74P, E74Q, E74R, E74S, E74T, E74W, and E74Y; and

a light chain variable (VL) domain comprising SEQ ID NO:2.

9. A vector comprising the isolated nucleic acid of claim 8.

10. A host cell comprising the vector of claim 9.

11. A method of making the antibody or antigen-binding fragment of claim 1, comprising

providing a host cell comprising nucleotide sequences encoding the heavy chain and light chain, respectively, of the antibody or antigen-binding fragment, and

culturing the host cell under conditions that allow expression of the nucleotide sequences.