Claims

1. Use of an antibody or an antigen binding fragment thereof that specifically binds to and neutralizes TGFβ1, TGFβ2, and TGFβ3 in the preparation of a medicament for treating osteogenesis imperfecta (OI) in a human subject in need thereof in combination with a bisphosphonate, wherein

the antibody comprises a heavy chain variable region comprising the amino acid sequence of SEQ ID NO: 10, and a light chain variable region comprising the amino acid sequence of SEQ ID NO: 11.

2. The use according to claim 1, wherein the antibody comprises a heavy chain comprising the amino acid sequence of SEQ ID NO: 14, and a light chain comprising the amino acid sequence of SEQ ID NO: 15.

3. The use according to claim 1 or 2, wherein the bisphosphonate is alendronate.

4. The use according to claim 1 or 2, wherein the bisphosphonate is pamidronate.

5. The use according to claim 1 or 2, wherein the bisphosphonate is zoledronate.

6. The use according to claim 1 or 2, wherein the bisphosphonate is risedronate.

7. The use according to claim 1 or 2, wherein the bisphosphonate is etidronate.

8. The use according to claim 1 or 2, wherein the bisphosphonate is clodronate.

9. The use according to claim 1 or 2, wherein the bisphosphonate is tiludronate.

10. The use according to claim 1 or 2, wherein the bisphosphonate is neridronate.

11. The use according to claim 1 or 2, wherein the bisphosphonate is olpadronate.

12. Use of an antibody or an antigen binding fragment thereof that specifically binds to and neutralizes TGFβ1, TGFβ2, and TGFβ3 in the preparation of a medicament for treating osteogenesis imperfecta (OI) in a human subject in need thereof in combination with teriparatide, wherein

the antibody comprises a heavy chain variable region comprising the amino acid sequence of SEQ ID NO: 10, and a light chain variable region comprising the amino acid sequence of SEQ ID NO: 11.

13. The use according to claim 12, wherein the antibody comprises a heavy chain comprising the amino acid sequence of SEQ ID NO: 14, and a light chain comprising the amino acid sequence of SEQ ID NO: 15.