CLAIMS:

1. An antibody or a fragment thereof, that specifically binds to hOX40L and competes for binding to said hOX40L with the antibody 02D10, wherein the antibody or fragment comprises a VH domain which comprises a HCDR3 comprising the motif VRGXYYY, wherein X is any amino acid.

2. The antibody or fragment according to claim 1, where X is a neutral amino acid, optionally P or G.

3. An antibody or a fragment thereof, optionally according to claim 1 or 2, that specifically binds to hOX40L and competes for binding to said hOX40L with the antibody 02D10, wherein the antibody or fragment comprises a VH domain which comprises the HCDR3 sequence of SEQ ID NO:40 or 46 or the HCDR3 sequence of SEQ ID NO:40 or 46 comprising less than 5 amino acid substitutions.

4. An antibody or fragment according to any one of claims 1 to 3, the VH domain comprising a HCDR3 of from 16 to 27 amino acids and which is derived from the recombination of a human VH gene segment, a human D gene segment and a human JH gene segment, wherein the human JH gene segment is IGHJ6 (e.g. IGHJ6*02).

5. The antibody or fragment according to any one of claims 1 to 5, the VH domain comprising the HCDR1 sequence of SEQ ID NO:36 or 42 or the HCDR1 sequence of SEQ ID NO:36 or 42 comprising less than 4 amino acid substitutions.

6. The antibody or fragment according to any preceding claim, the VH domain comprising the HCDR2 sequence of SEQ ID NO:38 or 44, or the HCDR2 sequence of SEQ ID NO:38 or 44 comprising less than 5 amino acid substitutions.

7. The antibody or fragment according to any preceding claim, the VH domain comprising an amino acid sequence of SEQ ID NO: 34, or a heavy chain variable domain amino acid sequence that is at least 80% (e.g. at least 85%) identical to SEQ ID NO:34.

8. The antibody or fragment according to any preceding claim comprising first and second copies of said VH domain.

9. The antibody or fragment according to any preceding claim, comprising a VL domain which comprises the LCDR1 sequence of SEQ ID NO:54 or 60, or the LCRD3 sequence of SEQ ID NO:54 or 60 comprising less than 5 amino acid substitutions.

10. The antibody or fragment according to any preceding claim, comprising a or said VL domain, which VL domain comprises the LCDR2 sequence of SEQ ID NO:52 or 58, or the LCRD2 sequence of SEQ ID NO:52 or 58 comprising less than 2 amino acid substitutions.

11. The antibody or fragment according to any preceding claim, comprising a or said VL domain, which VL domain comprises the LCDR1 sequence of SEQ ID NO:54 or 60, or the LCRD1 sequence of SEQ ID NO:54 or 60 comprising less than 4 amino acid substitutions.

12. The antibody or fragment according to any preceding claim, comprising a or said VL domain, which VL domain comprises an amino acid sequence of SEQ ID NOs: 48, or a light chain variable domain amino acid sequence that is at least 80% (e.g. at least 85%) identical to SEQ ID NO:48.

13. The antibody or fragment according to any one of claims 9 to 12, comprising first and second copies of said VL domain.

14. The antibody or fragment according to any one of claims 9 to 13, wherein the antibody or fragment comprises a kappa light chain.

15. The antibody or fragment according to any one of claims 3 to 14, wherein the amino acid substitutions are conservative amino acid substitutions, optionally wherein the conservative substitutions are from one of six groups (each group containing amino acids that are conservative substitutions for one another) selected from:

    1) Alanine (A), Serine (S), Threonine (T);
    2) Aspartic acid (D), Glutamic acid (E);
    3) Asparagine (N), Glutamine (Q);
    4) Arginine (R), Lysine (K);
    5) Isoleucine (I), Leucine (L), Methionine (M), Valine (V); and
    6) Phenylalanine (F), Tyrosine (Y), Tryptophan (W).

16. The antibody or fragment according to any preceding claim, wherein the antibody or fragment comprises a constant region, e.g. an IgG4 constant region, optionally wherein the constant region is IgG4-PE (Seq ID No:128).

17. The antibody according to any preceding claim wherein the antibody comprises a heavy chain and a light chain, the heavy chain amino acid sequence consisting of the sequence of SEQ ID No:62 and the light chain amino acid sequence consisting of the sequence of SEQ ID No:64.

18. An antibody or fragment as defined in any one of claims 1 to 17, 26, 27, 29 or 30 for use in treating or preventing a hOX40L-mediated disease or condition selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD.

19. Use of an antibody or fragment as defined in any one of claims 1 to 17, 26, 27, 29 or 30 in the manufacture of a medicament for administration to a human for treating or preventing a hOX40L mediated disease or condition in the human selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant/host rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD.

20. A method of treating or preventing a hOX40L mediated disease or condition selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD in a human, comprising administering to said human a therapeutically effective amount of an antibody or fragment as defined in any one of claims 1 to 17, 26, 27, 29 or 30, wherein the hOX40L mediated disease or condition is thereby treated or prevented.

21. The antibody or fragment according to claim 18, the use according to claim 19 or the method according to claim 20, wherein the hOX40L-mediated disease or condition is GvHD.

22. The antibody or fragment, the use or the method according to any one of claims 18 to 21, wherein the antibody is administered prophylactically.

23. A human antibody or fragment thereof comprising a HCDR3 of from 16 to 27 amino acids and derived from the recombination of a human VH gene segment, a human D gene segment and a human JH gene segment, wherein the human JH gene segment is IGHJ6 (e.g. IGHJ6*02), which specifically binds to hOX40L for treating or preventing a hOX40L-mediated disease or condition selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD (e.g. wherein the antibody is for the prevention of GvHD).

24. Use of a human antibody or fragment thereof comprising a HCDR3 of from 16 to 27 amino acids and derived from the recombination of a human VH gene segment, a human D gene segment and a human JH gene segment, wherein the human JH gene segment is IGHJ6 (e.g. IGHJ6*02), which

specifically binds to hOX40L in the manufacture of a medicament for administration to a human for treating or preventing a hOX40L mediated disease or condition in the human selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD.

25. A method of treating or preventing a hOX40L mediated disease or condition selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD in a human, comprising administering to said human a therapeutically effective amount of a human antibody or fragment thereof comprising a HCDR3 of from 16 to 27 amino acids and derived from the recombination of a human VH gene segment, a human D gene segment and a human JH gene segment, wherein the human JH gene segment is IGHJ6 (e.g. IGHJ6*02), which specifically binds to hOX40L, wherein the hOX40L mediated disease or condition is thereby treated or prevented.

26. The antibody or fragment according to claim 14, or the antibody or fragment according to claim 23, the use according to claim 24, or the method according to claim 25, wherein the antibody or fragment comprises a kappa light chain, e.g. wherein the VL domain of the light chain is derived from the recombination of a human VL gene segment, and a human JL gene segment, wherein the human VL gene segment is IGKV1D-39 (e.g. IGKV1D-39*01), and optionally the human JL gene segment is IGKJ1 (e.g. IGKJ1*01) or IGKJ3 (e.g. IGKJ3*01).

27. The antibody or fragment according to any one of claims 1 to 17, 26, 29 or 30 or the antibody or fragment, use or method according to any one of claims 18 to 26, wherein the antibody or fragment enables greater than 80% stem cell donor chimerism by day 12 in a *Rhesus macaque* model of haploidentical hematopoietic stem cell transplantation, optionally wherein the antibody is for the prevention of GvHD.

28. The antibody or fragment, use or method according to any one of claims 23 to 27, wherein the antibody is as defined in any one of claims 1 to 17, 26, 27, 29 or 30.

29. The antibody or fragment according to any one of claims 1 to 17, 26, 27 or 30, or the antibody or fragment, use or method according to any one of claims 18 to 28, wherein the antibody or fragment expresses as a stably transfected pool in Lonza GS-Xceed™ at level greater than 1.5g/L

in a fed batch overgrow culture using Lonza version 8 feed system with an overgrow period of 14 days.

30. An antibody or fragment according to any one of claims 1 to 17, 26, 27 or 29, or the antibody or fragment, use or method according to any one of claims 18 to 29, wherein the antibody or fragment maintains a naïve population of $CD4^+$ T cells of >20% of total $CD4^+$ T cell population at day 12 in a *Rhesus macaque* model of haploidentical hematopoietic stem cell transplantation.

31. The antibody or fragment, use or the method according to any one of claims 18 to 30, further comprising administering to the human a further therapeutic agent, optionally wherein the further therapeutic agent is independently selected from the group consisting of rapamycin (sirolimus), racrolimus, ciclosporin, corticosteroids (e.g. methylprednisolone), methotrexate, mycophenolate mofetil, anti-CD28 antibodies, anti-IL12/IL-23 antibodies (e.g. ustekinumab), anti-CD20 antibodies (e.g.rituximab), anti-CD30 antibodies (e.g. brentuximab), CTLA4-Fc molecules (e.g. abatacept), CCR5 receptor antagonists (e.g. maraviroc), anti-CD40L antibodies, anti-VLA4 antibodies (e.g. natalizumab), anti-LFA1 antibodies, fludarabine, anti-CD52 antibodies (e.g. alemtuzumab), anti-CD45 antibodies, cyclophosphamide, anti-thymocyte globulins, anti-complement C5 antibodies (e.g. eculizumab), anti-a4b7 integrin antibodies (e.g. vedolizumab), anti-IL6 antibodies (e.g. tocilizumab), anti-IL2R antibodies (e.g. basilixumab), anti-CD25 antibodies (e.g. daclizumab), anti-TNFa / TNFa-Fc molecules (e.g. etanercept, adalimumab, infliximab, golimumab or certolizumab pegol) and Vorinostat, in particular rapamycin (sirolimus), racrolimus, ciclosporin, corticosteroids (e.g. methylprednisolone), methotrexate, mycophenolate mofetil, anti-CD28 antibodies, CTLA4-Fc molecules (e.g. abatacept), anti-CD40L antibodies, anti-LFA1 antibodies, anti-CD52 antibodies (e.g. alemtuzumab), cyclophosphamide and anti-thymocyte globulins.

32. The antibody or fragment, use or the method according to claim 31, wherein the further therapeutic agent is administered sequentially or simultaneously with the anti-hOX40L antibody or fragment.

33. A pharmaceutical composition comprising an antibody of fragment as defined in any one of claims 1 to 17, 26, 27, 29 or 30 and a pharmaceutically acceptable excipient, diluent or carrier and optionally further comprising a further therapeutic agent independently selected from the group consisting of rapamycin (sirolimus), racrolimus, ciclosporin, corticosteroids (e.g. methylprednisolone), methotrexate, mycophenolate mofetil, anti-CD28 antibodies, anti-IL12/IL-23 antibodies (e.g. ustekinumab), anti-CD20 antibodies (e.g.rituximab), anti-CD30 antibodies (e.g. brentuximab), CTLA4-Fc molecules (e.g. abatacept), CCR5 receptor antagonists (e.g. maraviroc), anti-CD40L antibodies, anti-VLA4 antibodies (e.g. natalizumab), anti-LFA1 antibodies, fludarabine, anti-CD52 antibodies (e.g. alemtuzumab), anti-CD45 antibodies, cyclophosphamide, anti-thymocyte globulins, anti-complement C5 antibodies (e.g. eculizumab), anti-a4b7 integrin

antibodies (e.g. vedolizumab), anti-IL6 antibodies (e.g. tocilizumab), anti-IL2R antibodies (e.g. basilixumab), anti-CD25 antibodies (e.g. daclizumab), anti-TNFa / TNFa-Fc molecules (e.g. etanercept, adalimumab, infliximab, golimumab or certolizumab pegol) and Vorinostat, in particular rapamycin (sirolimus), racrolimus, ciclosporin, corticosteroids (e.g. methylprednisolone), methotrexate, mycophenolate mofetil, anti-CD28 antibodies, CTLA4-Fc molecules (e.g. abatacept), anti-CD40L antibodies, anti-LFA1 antibodies, anti-CD52 antibodies (e.g. alemtuzumab), cyclophosphamide and anti-thymocyte globulins.

34. A pharmaceutical composition according to claim 33, or a kit comprising a pharmaceutical composition as defined in claim 33, wherein the composition is for treating and/or preventing a hOX40L-mediated condition or disease selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis and atherosclerosis, in particular GvHD.

35. A pharmaceutical composition according to claim 33 or claim 34 in combination with, or kit according to claim 34 comprising a label or instructions for use to treat and/or prevent said disease or condition in a human; optionally wherein the label or instructions comprise a marketing authorisation number (e.g., an FDA or EMA authorisation number); optionally wherein the kit comprises an IV or injection device that comprises the antibody or fragment.

36. A nucleic acid that encodes the HCDR3 of an antibody or fragment as defined in any one of claims 1 to 17, 26, 27, 29 or 30.

37. A nucleic acid that encodes a VH domain and/or a VL domain of an antibody or fragment as defined in any one of claims 1 to 17, 26, 27, 29 or 30.

38. A nucleic acid according to claim 37 comprising a nucleotide sequence that is at least 80% identical to the sequence of SEQ ID NO: 33 and/or SEQ ID NO: 47.

39. A nucleic acid that encodes a heavy chain or a light chain of an antibody recited in any one of claims 1 to 17, 26, 27, 29 or 30.

40. A vector comprising the nucleic acid of any one of claims 36 to 39; optionally wherein the vector is a CHO or HEK293 vector.

41. A host comprising the nucleic acid of any one of claims 36 to 39 or the vector of claim 40.

CLAIMS:

1. An antibody or a fragment thereof, that specifically binds to hOX40L and competes for binding to said hOX40L with the antibody 02D10, wherein the antibody or fragment comprises a VH domain which comprises a HCDR3 comprising the motif VRGXYYY, wherein X is any amino acid.

2. The antibody or fragment according to claim 1, where X is a neutral amino acid, optionally P or G.

3. An antibody or a fragment thereof, optionally according to claim 1 or 2, that specifically binds to hOX40L and competes for binding to said hOX40L with the antibody 02D10, wherein the antibody or fragment comprises a VH domain which comprises the HCDR3 sequence of SEQ ID NO:40 or 46 or the HCDR3 sequence of SEQ ID NO:40 or 46 comprising less than 5 amino acid substitutions.

4. An antibody or fragment according to any one of claims 1 to 3, the VH domain comprising a HCDR3 of from 16 to 27 amino acids and which is derived from the recombination of a human VH gene segment, a human D gene segment and a human JH gene segment, wherein the human JH gene segment is IGHJ6 (e.g. IGHJ6*02).

5. The antibody or fragment according to any one of claims 1 to 5, the VH domain comprising the HCDR1 sequence of SEQ ID NO:36 or 42 or the HCDR1 sequence of SEQ ID NO:36 or 42 comprising less than 4 amino acid substitutions.

6. The antibody or fragment according to any preceding claim, the VH domain comprising the HCDR2 sequence of SEQ ID NO:38 or 44, or the HCDR2 sequence of SEQ ID NO:38 or 44 comprising less than 5 amino acid substitutions.

7. The antibody or fragment according to any preceding claim, the VH domain comprising an amino acid sequence of SEQ ID NO: 34, or a heavy chain variable domain amino acid sequence that is at least 80% (e.g. at least 85%) identical to SEQ ID NO:34.

8. The antibody or fragment according to any preceding claim comprising first and second copies of said VH domain.

9. The antibody or fragment according to any preceding claim, comprising a VL domain which comprises the LCDR1 sequence of SEQ ID NO:54 or 60, or the LCRD3 sequence of SEQ ID NO:54 or 60 comprising less than 5 amino acid substitutions.

10. The antibody or fragment according to any preceding claim, comprising a or said VL domain, which VL domain comprises the LCDR2 sequence of SEQ ID NO:52 or 58, or the LCRD2 sequence of SEQ ID NO:52 or 58 comprising less than 2 amino acid substitutions.

11. The antibody or fragment according to any preceding claim, comprising a or said VL domain, which VL domain comprises the LCDR1 sequence of SEQ ID NO:54 or 60, or the LCRD1 sequence of SEQ ID NO:54 or 60 comprising less than 4 amino acid substitutions.

12. The antibody or fragment according to any preceding claim, comprising a or said VL domain, which VL domain comprises an amino acid sequence of SEQ ID NOs: 48, or a light chain variable domain amino acid sequence that is at least 80% (e.g. at least 85%) identical to SEQ ID NO:48.

13. The antibody or fragment according to any one of claims 9 to 12, comprising first and second copies of said VL domain.

14. The antibody or fragment according to any one of claims 9 to 13, wherein the antibody or fragment comprises a kappa light chain.

15. The antibody or fragment according to any one of claims 3 to 14, wherein the amino acid substitutions are conservative amino acid substitutions, optionally wherein the conservative substitutions are from one of six groups (each group containing amino acids that are conservative substitutions for one another) selected from:

    1) Alanine (A), Serine (S), Threonine (T);
    2) Aspartic acid (D), Glutamic acid (E);
    3) Asparagine (N), Glutamine (Q);
    4) Arginine (R), Lysine (K);
    5) Isoleucine (I), Leucine (L), Methionine (M), Valine (V); and
    6) Phenylalanine (F), Tyrosine (Y), Tryptophan (W).

16. The antibody or fragment according to any preceding claim, wherein the antibody or fragment comprises a constant region, e.g. an IgG4 constant region, optionally wherein the constant region is IgG4-PE (Seq ID No:128).

17. The antibody according to any preceding claim wherein the antibody comprises a heavy chain and a light chain, the heavy chain amino acid sequence consisting of the sequence of SEQ ID No:62 and the light chain amino acid sequence consisting of the sequence of SEQ ID No:64.

18. An antibody or fragment as defined in any one of claims 1 to 17, 24, 25, 27 or 28 for use in treating or preventing a hOX40L-mediated disease or condition selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD.

19. Use of an antibody or fragment as defined in any one of claims 1 to 17, 24, 25, 27 or 28 in the manufacture of a medicament for administration to a human for treating or preventing a hOX40L mediated disease or condition in the human selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant/host rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD.

20. The antibody or fragment according to claim 18, the use according to claim 19, wherein the hOX40L-mediated disease or condition is GvHD.

21. The antibody or fragment or the use according to any one of claims 18 to 20, wherein the antibody is administered prophylactically.

22. A human antibody or fragment thereof comprising a HCDR3 of from 16 to 27 amino acids and derived from the recombination of a human VH gene segment, a human D gene segment and a human JH gene segment, wherein the human JH gene segment is IGHJ6 (e.g. IGHJ6*02), which specifically binds to hOX40L for use in treating or preventing a hOX40L-mediated disease or condition selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD (e.g. wherein the antibody is for the prevention of GvHD).

23. Use of a human antibody or fragment thereof comprising a HCDR3 of from 16 to 27 amino acids and derived from the recombination of a human VH gene segment, a human D gene segment and a human JH gene segment, wherein the human JH gene segment is IGHJ6 (e.g. IGHJ6*02), which specifically binds to hOX40L in the manufacture of a medicament for administration to a human for treating or preventing a hOX40L mediated disease or condition in the human selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis or atherosclerosis, in particular GvHD.

24. The antibody or fragment according to claim 14, or the antibody or fragment according to claim 22, or the use according to claim 23, wherein the antibody or fragment comprises a kappa light chain, e.g. wherein the VL domain of the light chain is derived from the recombination of a human VL gene segment, and a human JL gene segment, wherein the human VL gene segment is IGKV1D-39 (e.g. IGKV1D-39*01), and optionally the human JL gene segment is IGKJ1 (e.g. IGKJ1*01) or IGKJ3 (e.g. IGKJ3*01).

25. The antibody or fragment according to any one of claims 1 to 17, 24, 27 or 28 or the antibody or fragment, or use according to any one of claims 18 to 24, wherein the antibody or fragment enables greater than 80% stem cell donor chimerism by day 12 in a *Rhesus macaque* model of haploidentical hematopoietic stem cell transplantation, optionally wherein the antibody is for the prevention of GvHD.

26. The antibody or fragment, or use according to any one of claims 22 to 25, wherein the antibody is as defined in any one of claims 1 to 17, 24, 25, 27 or 28.

27. The antibody or fragment according to any one of claims 1 to 17, 24, 25 or 28, or the antibody or fragment, or use according to any one of claims 18 to 26, wherein the antibody or fragment expresses as a stably transfected pool in Lonza GS-Xceed^{TM} at level greater than 1.5g/L in a fed batch overgrow culture using Lonza version 8 feed system with an overgrow period of 14 days.

28. An antibody or fragment according to any one of claims 1 to 17, 24, 25 or 27, or the antibody or fragment, or use according to any one of claims 18 to 27, wherein the antibody or fragment maintains a naïve population of $CD4^+$ T cells of >20% of total $CD4^+$ T cell population at day 12 in a *Rhesus macaque* model of haploidentical hematopoietic stem cell transplantation.

29. The antibody or fragment, or use according to any one of claims 18 to 28, further comprising administering to the human a further therapeutic agent, optionally wherein the further therapeutic agent is independently selected from the group consisting of rapamycin (sirolimus), racrolimus, ciclosporin, corticosteroids (e.g. methylprednisolone), methotrexate, mycophenolate mofetil, anti-CD28 antibodies, anti-IL12/IL-23 antibodies (e.g. ustekinumab), anti-CD20 antibodies (e.g.rituximab), anti-CD30 antibodies (e.g. brentuximab), CTLA4-Fc molecules (e.g. abatacept), CCR5 receptor antagonists (e.g. maraviroc), anti-CD40L antibodies, anti-VLA4 antibodies (e.g. natalizumab), anti-LFA1 antibodies, fludarabine, anti-CD52 antibodies (e.g. alemtuzumab), anti-CD45 antibodies, cyclophosphamide, anti-thymocyte globulins, anti-complement C5 antibodies (e.g. eculizumab), anti-a4b7 integrin antibodies (e.g. vedolizumab), anti-IL6 antibodies (e.g. tocilizumab), anti-IL2R antibodies (e.g. basilixumab), anti-CD25 antibodies (e.g. daclizumab), anti-TNFa / TNFa-Fc molecules (e.g. etanercept, adalimumab, infliximab, golimumab or certolizumab pegol) and Vorinostat, in particular rapamycin (sirolimus),

racrolimus, ciclosporin, corticosteroids (e.g. methylprednisolone), methotrexate, mycophenolate mofetil, anti-CD28 antibodies, CTLA4-Fc molecules (e.g. abatacept), anti-CD40L antibodies, anti-LFA1 antibodies, anti-CD52 antibodies (e.g. alemtuzumab), cyclophosphamide and anti-thymocyte globulins.

30. The antibody or fragment, or use according to claim 29, wherein the further therapeutic agent is administered sequentially or simultaneously with the anti-hOX40L antibody or fragment.

31. A pharmaceutical composition comprising an antibody of fragment as defined in any one of claims 1 to 17, 24, 25, 27 or 28 and a pharmaceutically acceptable excipient, diluent or carrier and optionally further comprising a further therapeutic agent independently selected from the group consisting of rapamycin (sirolimus), racrolimus, ciclosporin, corticosteroids (e.g. methylprednisolone), methotrexate, mycophenolate mofetil, anti-CD28 antibodies, anti-IL12/IL-23 antibodies (e.g. ustekinumab), anti-CD20 antibodies (e.g.rituximab), anti-CD30 antibodies (e.g. brentuximab), CTLA4-Fc molecules (e.g. abatacept), CCR5 receptor antagonists (e.g. maraviroc), anti-CD40L antibodies, anti-VLA4 antibodies (e.g. natalizumab), anti-LFA1 antibodies, fludarabine, anti-CD52 antibodies (e.g. alemtuzumab), anti-CD45 antibodies, cyclophosphamide, anti-thymocyte globulins, anti-complement C5 antibodies (e.g. eculizumab), anti-a4b7 integrin antibodies (e.g. vedolizumab), anti-IL6 antibodies (e.g. tocilizumab), anti-IL2R antibodies (e.g. basilixumab), anti-CD25 antibodies (e.g. daclizumab), anti-TNFa / TNFa-Fc molecules (e.g. etanercept, adalimumab, infliximab, golimumab or certolizumab pegol) and Vorinostat, in particular rapamycin (sirolimus), racrolimus, ciclosporin, corticosteroids (e.g. methylprednisolone), methotrexate, mycophenolate mofetil, anti-CD28 antibodies, CTLA4-Fc molecules (e.g. abatacept), anti-CD40L antibodies, anti-LFA1 antibodies, anti-CD52 antibodies (e.g. alemtuzumab), cyclophosphamide and anti-thymocyte globulins.

32. A pharmaceutical composition according to claim 31, or a kit comprising a pharmaceutical composition as defined in claim 31, wherein the composition is for treating and/or preventing a hOX40L-mediated condition or disease selected from an autoimmune disease or condition, a systemic inflammatory disease or condition, or transplant rejection; for example inflammatory bowel disease (IBD), Crohn's disease, rheumatoid arthritis, transplant rejection, allogenic transplant rejection, graft-versus-host disease (GvHD), ulcerative colitis, systemic lupus erythematosus (SLE), diabetes, uveitis, ankylosing spondylitis, contact hypersensitivity, multiple sclerosis and atherosclerosis, in particular GvHD.

33. A pharmaceutical composition according to claim 31 or claim 32 in combination with, or kit according to claim 32 comprising a label or instructions for use to treat and/or prevent said disease or condition in a human; optionally wherein the label or instructions comprise a

marketing authorisation number (e.g., an FDA or EMA authorisation number); optionally wherein the kit comprises an IV or injection device that comprises the antibody or fragment.

34. A nucleic acid that encodes the HCDR3 of an antibody or fragment as defined in any one of claims 1 to 17, 24, 25, 27 or 28.

35. A nucleic acid that encodes a VH domain and/or a VL domain of an antibody or fragment as defined in any one of claims 1 to 17, 24, 25, 27 or 28.

36. A nucleic acid according to claim 35 comprising a nucleotide sequence that is at least 80% identical to the sequence of SEQ ID NO: 33 and/or SEQ ID NO: 47.

37. A nucleic acid that encodes a heavy chain or a light chain of an antibody recited in any one of claims 1 to 17, 24, 25, 27 or 28.

38. A vector comprising the nucleic acid of any one of claims 34 to 37; optionally wherein the vector is a CHO or HEK293 vector.

39. A host comprising the nucleic acid of any one of claims 34 to 37 or the vector of claim 38.