Claims

It is claimed:

1. ~~A method of treating cancer in a subject comprising administering PF-06863135~~Elranatamab for use in a method of treating cancer in a subject, wherein elranatamab is administered to the subject according to a dosing regimen of:
   (a) 80, 130, 215, 360, 600 or 1000 µg/kg Q1W subcutaneously (SC);
   (b) 80, 130, 215, 360, 600 or 1000 µg/kg Q2W SC;
   (c) about 16 to 80 mg Q1W SC or Q2W SC;
   (d) about 16 to 20, 40 to 44, or 76 to 80 mg Q1W SC;
   (e) about 16 to 20, 40 to 44, or 76 to 80 mg Q2W SC;
   (f) about 40 mg Q1W SC or Q2W SC;
   (g) about 44 mg Q1W SC or Q2W SC;
   (h) about 76 mg Q1W SC or Q2W SC;
   (i) about 80 mg Q1W SC or Q2W SC;
   (j) a priming dosing of about 44 mg Q1W SC for 1 -4 weeks, or a priming dosing of about 32 mg Q1W SC for 1 -4 weeks, followed by a first treatment dosing of about 76 mg Q1W SC or Q2W SC;
   (k) a priming dosing of about 40 mg Q1W SC for 1 -4 weeks, followed by a first treatment dosing of about 80 mg Q1W SC or Q2W SC;
   (l) a priming dosing of about 44 mg Q1W SC for 1 -4 weeks, or a priming dosing of about 32 mg Q1W SC for 1 -4 weeks, followed by a first treatment dosing of about 76 mg Q1W SC for 2 to 20, 21, 22, 23, 24, 25 to 46, 47 or 48 weeks, followed by a second treatment dosing of about 76 mg Q2W SC;
   (m) a priming dosing of about 40 mg Q1W SC for 1 -4 weeks, followed by a first treatment dosing of about 80 mg Q1W SC for 2 to 20, 21, 22, 23, 24, 25 to 46, 47 or 48 weeks, followed by a second treatment dosing of about 80 mg Q2W SC;
   (n) a priming dosing of about 44 mg Q1W SC for 1 week, followed by a first treatment dosing of about 76 mg Q1W SC or Q2W SC;
   (o) a priming dosing of about 32 mg Q1W SC for 1 week, followed by a first treatment dosing of about 76 mg Q1W SC or Q2W SC;

(p) a priming dosing of about 40 mg Q1W SC for 1 week, followed by a first treatment dosing of about 80 mg Q1W SC or Q2W SC.

(q) a priming dosing of about 44 mg Q1W SC for 1 week, followed by a first treatment dosing of about 76 mg Q1W SC for 2 to 20, 21, 22, 23, 24, 25 to 46, 47 or 48 weeks, followed by a second treatment dosing of about 76 mg Q2W SC;

(r) a priming dosing of about 44 mg Q1W SC for 1 week, followed by a first treatment dosing of about 76 mg Q1W SC for 23 weeks, followed by a second treatment dosing of about 76 mg Q2W SC;

(s) a priming dosing of about 44 mg Q1W SC for 1 week, followed by a first treatment dosing of about 76 mg Q1W SC for 24 weeks, followed by a second treatment dosing of about 76 mg Q2W

(t) a priming dosing of about 32 mg Q1W SC for 1 week, followed by a first treatment dosing of about 76 mg Q1W SC for 2 to 20, 21, 22, 23, 24, 25 to 46, 47 or 48 weeks, followed by a second treatment dosing of about 76 mg Q2W SC;

(u) a priming dosing of about 40 mg Q1W SC for 1 week, followed by a first treatment dosing of about 80 mg Q1W SC for 2 to 20, 21, 22, 23, 24, 25 to 46, 47 or 48 weeks, followed by a second treatment dosing of about 80 mg Q2W SC; or

(v) a priming dosing of about 40 mg Q1W SC for 1 week, followed by a first treatment dosing of about 80 mg Q1W for 23 or 24 weeks, followed by a second treatment dosing of about 80 mg Q2W SC.

2. ~~The method~~Elranatamab for use of ~~claim~~ claim 1, wherein the subject is administered elranatamab ~~PF06863135~~ in the first treatment dosing of about 76 mg Q1W SC, and after receiving at least 23 weeks of such first treatment dosing, the subject is administered elranatamab ~~PF06863135~~ in a second treatment dosing of 76 mg Q2W or continue to be administered ~~PF06863135~~ elranatamab in the first treatment dosing.

3. ~~A method of treating cancer in a subject comprising administering~~ Elranatamab for use in a method of treating cancer in~~PF-06863135 to the~~ a subject, wherein elranatamab is adminstered~~,~~ subcutaneously, a first treatment dosing for 23, 24 or 25 weeks, followed by a second treatment dosing, wherein

(a) the first treatment dosing is about 4 mg Q1W, and the second treatment dosing is about 4 mg Q2W;

(b), the first treatment dosing is about 12 mg Q1W, and the second treatment dosing is about 12 mg Q2W;

(c) the first treatment dosing is about 24 mg Q1W, and the second treatment dosing is about mg 24 mg Q2W;

(d) the first treatment dosing is about 32 mg Q1W, and the second treatment dosing is about 32 mg Q2W;

(e) the first treatment dosing is about 44 mg Q1W, and the second treatment dosing is about 44 mg Q2W; or

(f) the first treatment dosing is about 76 mg Q1W, and the second treatment dosing is about 76 mg Q2W.

4. Elranatamab for use ~~The method~~ of claim 3, wherein if the dose amount of the first treatment dosing is 32 mg or higher, the method further comprising administering to the subject elranatamab ~~PF06863135~~ in a priming dosing, and the priming dosing is administered for one week, the first dose in the first treatment dosing is administered in the week immediately after the week when the priming dosing is administered, and wherein

(1) the priming dosing is a single priming dose, and the single priming dose is about 24 mg;

(2) the priming dosing comprises a first priming dose of about 4 mg and a second priming dose of about 20 mg, and the two priming doses are administered on two different days and the first priming dose is administered before the second priming dose is administered;

(3) the priming dosing comprises a first priming dose of about 8 mg and a second priming dose of about 16 mg, and the two priming doses are administered on two different days and the first priming dose is administered before the second priming dose is administered;

(4) the priming dosing comprises a first priming dose of about 12 mg and a second priming dose of about 12 mg, and the two priming doses are administered on two different days and the first priming dose is administered before the second priming dose is administered;

(5) the priming dosing comprises a first priming dose of about 8 mg and a second priming dose of about 24 mg, and the two priming doses are administered on two different days and the first priming dose is administered before the second priming dose is administered; or

(6) the priming dosing comprises a first priming dose of about 4 mg and a second priming dose of about 28 mg, and the two priming doses are administered on two different days and the first priming dose is administered before the second priming dose is administered.

5. Elranatamab for use in a~~A~~ method of treating cancer in a subject comprising administering ~~PF-06863135 to a subject~~

(a) a first treatment dosing of about 32 mg to about 76 mg Q1W SC, starting in week 1; or

(b) a priming dosing during week 1, and a first treatment dosing starting in week 2, wherein the priming dosing is (i) a first priming dose of about 4 mg SC to about 32 mg SC, and a second priming dose of about 12 mg SC to about 44 mg SC, wherein the first priming dose and the second priming dose are administered sequentially in week 1, or (ii) a single priming dose of about 24 mg to about 44 mg SC, and wherein the first treatment dosing is about 32 mg to about 76 mg Q1W SC or about 32 mg to about 152 mg Q2W SC , starting in week 2, and wherein the dose amount of the first treatment dosing is higher than the dose amount of each of the respective single priming dose, first priming dose and second priming dose;

wherein week 1, week 2 and any subsequent weeks refer to the first, second and any subsequent weeks when the subject is administered elranatamab ~~PF06863135~~ respectively, and elranatamab ~~PF06863135~~ is administered to the subject as a pharmaceutical product comprising elranatamab~~PF06863135~~.

6. Elranatamab for use~~The method~~ of claim 5, wherein the subject is administered a priming dosing, wherein the priming dosing is a single priming dose of about 24 mg SC, about 32 mg SC or about 44 mg SC in week 1, or priming dosing is (i) a first priming dose of about 12 mg SC and a second priming dose of about 32 mg SC; (ii) a first priming dose of about 4 mg SC and a second priming dose of about 20 mg; (iii) a first priming dose of about 8 mg and a second priming dose of about 16 mg; (iv) a first priming dose of about 12 mg and a second priming dose of about 12 mg; or (v) a first priming dose of about 8 mg and a second priming dose of about 24 mg.

7. ~~The method~~Elranatamab for use of claim 5 or 6, wherein the first treatment dosing is about 32 mg Q1W SC or about 32 mg Q2W SC, about 44 mg Q1W SC, or about 44 mg Q2W SC, optionally~~.~~

~~8. The method of claim 7,~~ wherein the subject is administered the first treatment dosing until at least the end of cycle 1 or until at least the end of cycle 6, wherein a cycle is 21 days or 28 days, cycle 1 starts on day 1 of week 1, day 1 of week 2, or day 1 of week 3, and cycle 1, cycle 2 and subsequent cycles refer to the first, second and subsequent cycles when the subject is administered elranatamab ~~PF06863135~~ respectively.

~~9~~8. ~~The method~~Elranatamab for use of claim ~~8~~7, further comprising administering to the subject elranatamab (a) ~~PF06863135~~ in a second treatment dosing of about 32 mg to about 152 mg Q2W SC, about 32 mg to about 152 mg Q3W SC, or about 32 mg to about 152 mg Q4W SC, after the subject is no longer on the first treatment dosing, wherein the second treatment dosing is at a dose frequency that is less frequent than the respective first treatment dosing, or the second treatment dosing has a lower dose amount than the first treatment dosing; ~~.~~or (b) in a second treatment dosing

~~10. The method of claim 8, wherein~~ after the first treatment dosing is administered to the subject until at least the end of cycle 6, the second treatment dosing of elranatamab ~~PF06863135~~ is administered to the subject instead of the first treatment dosing, or the subject may continue to be administered the first treatment dosing, and wherein the second treatment dosing is about 32 mg to about 152 mg Q2W SC, about 32 mg to about 152 mg Q3W SC, or about 32 mg to about 152 mg Q4W SC, wherein the second treatment dosing is at a dose frequency that is less frequent than the first treatment dosing, or the second treatment dosing has a lower dose amount than the first treatment dosing.

~~11~~9. ~~The method~~Elranatamab for use of claim 5 or 6, wherein the first treatment dosing is (i) about 76 mg Q1W SC, (ii) about 76 mg Q2W SC, or (iii) about 76 mg Q1W SC for three weeks followed by about 116 mg Q1W SC or (iv) about 76 mg Q1W SC for three weeks followed by about 152 mg Q1W SC; ~~.~~ optionally

~~12. The method of claim 11,~~ wherein the subject is administered the first treatment dosing until at least the end of cycle 1, at least the end of cycle 3, or at least the end of cycle 6, wherein a cycle is 21 days or 28 days, and cycle 1 starts on day 1 of week 1, day 1 of week 2, or day 1 of week 3, and cycle 1, cycle 2 and subsequent cycles refer to the first, second and subsequent cycles when the subject is administered elranatamab ~~PF06863135~~ respectively.

~~13~~10. ~~The method~~Elranatamb for use of claim ~~12~~9, further comprising administering to the subject elranatamab ~~PF06863135~~ (a) in a second treatment dosing of about 44 mg to about 152 mg Q2W SC, about 44 mg to about 152 mg Q3W SC, or about 44 mg to about 152 mg Q4W SC, after the subject is no longer on the first treatment dosing, wherein the second treatment dosing is at a dose frequency that is less frequent than the first treatment dosing, or the second treatment dosing has a lower dose amount than the first treatment dosing; or (b) in a second treatment dosing~~.~~

~~14. The method of claim 12, wherein~~ after the first treatment dosing is administered to the subject until at least the end of cycle 6, a second treatment dosing of about 44 mg to about 152 mg Q2W SC, about 44 mg to about 152 mg Q3W SC, or about 44 mg to about 152 mg Q4W SC is be administered to the subject instead of the first treatment dosing, or the subject may continue to be administered the first treatment dosing, wherein the second treatment dosing is at a dose frequency that is less frequent than the respective first treatment dosing, or the second treatment dosing has a lower dose amount than that of the first treatment dosing.

~~15~~11. Elranatamab for use~~The method~~ of claim ~~13 or 14~~10, wherein (a) the first treatment dosing is about 76 mg Q1W SC and the second treatment dosing of about 44 mg Q2W SC, about 76 mg Q2W SC, about 116 mg Q2W SC, about 152 mg Q2W SC, about 44 mg Q3W SC, about 76 mg Q3W SC, about 116 mg Q3W SC, about 152 mg Q3W SC, about 44 mg Q4W SC, about 76 mg Q4W SC, about 116 mg Q4W SC or about 152 mg Q4W SC; or (b)~~.~~

~~16. The method of any one of claims 13 or 14, wherein~~ the first treatment dosing is about 76 mg Q2W SC, and the second treatment dosing is about 44 mg Q2W SC, about 44 mg Q3W SC, about 76 mg Q3W SC, about 116 mg Q3W SC, about 152 mg Q3W SC, about 44 mg Q4W SC, about 76 mg Q4W SC, about 116 mg Q4W SC or about 152 mg Q4W SC.

~~17~~12. ~~The method~~Elranatamab for use of any one of claims 5 to ~~16~~11, wherein the subject is administered elranatamab ~~PF06863135~~ in the first treatment dosing until the end of cycle 1, followed by the second treatment dosing, wherein a cycle is 21 days or 28 days, cycle 1 starts on day 1 of week 1, or day 1 of week 2, or day 1 of week 3, and cycle 1, cycle 2 and subsequent cycles refer to the first, second and subsequent cycles when the subject is administered elranatamab ~~PF06863135~~ respectively.

~~18~~13. ~~The method~~Elranatamab for use of claim ~~17~~12, wherein the second treatment dosing is administered until at least the end of cycle 6, and thereafter a third treatment

dosing of about 76 mg to about 152 mg Q3W SC or about 76 mg to about 152 mg Q4W SC is administered to the subject instead of the second treatment dosing, or the subject continues to be administered the second treatment dosing.

~~19~~14. ~~The method~~Elranatamab for use of claim ~~18~~13, wherein the second treatment dosing is administered until the end of cycle 6, the first dose in the third treatment dosing starts in cycle 7 and the third treatment dosing is 116 mg Q4W SC or 152 mg Q4W SC; and optionally wherein (a)~~.~~

~~20. The method of claim 18 or 19, wherein~~ the first treatment dosing is about 76 mg Q1W SC, the second treatment dosing is about 116 mg Q2W SC and the third treatment dosing is about 116 mg Q4W SC~~.~~; or (b)

~~21. The method of claim 18 or 19, wherein~~ the first treatment dosing is about 76 mg Q1W SC, the second treatment dosing is about 152 mg Q2W SC and the third treatment dosing is about 152 mg Q4W SC.

~~22~~15. Elranatamab for use in a~~A~~ method of treating cancer, comprising administering elranatamab ~~(PF06863135)~~ to a subject according a dosing schedule as shown below, and wherein the dosing schedule is described by a week number, a dose amount and a dose frequency corresponding to each week number:

(a)

Week Number	Dose Amount (mg)	Dose Frequency
1	44; 32; 12 plus 32; or A plus B;	Weekly
2 – 24;	32; 44; 76; 116; or 152	Weekly
25 onwards;	32; 44; 76; 116; or 152	Weekly; very two weeks; every three weeks; or every four weeks

, (b)

Week Number	Dose Amount (mg)	Dose Frequency
1	44; 32; 12 plus 32; or A plus B;	Weekly
2 – 25;	32; 44; 76; 116; or 152	Weekly
26 onwards;	32; 44; 76; 116; or 152	Weekly; very two weeks; every three weeks; or every four weeks

, (c)

Week Number	Dose Amount (mg)	Dose Frequency
1	44; 32; 12 plus 32; or A plus B;	Weekly
2 – 26;	44; or 76	Weekly
27 onwards;	44; or 76	Weekly; very two weeks; every three weeks; or every four weeks

,(d)

Week Number	Dose Amount (mg)	Dose Frequency
1	44; 32; 12 plus 32; or A plus B;	Weekly
2 – 24	32; 44; 76; 116; or 152	Every two weeks
25 onwards	32; 44; 76; 116; or 152	Every two weeks; every three weeks; or every four weeks

, (e)

Week Number	Dose Amount (mg)	Dose Frequency
1	44; 32; 12 plus 32; or A plus B;	Weekly
2 – 25	32; 44; 76; 116; or 152	Every two weeks
26 onwards	32; 44; 76; 116; or 152	Every two weeks; every three weeks; or every four weeks

, or (f)

Week Number	Dose Amount (mg)	Dose Frequency
1	44; 32; 12 plus 32; or A plus B;	Weekly
2 – 26	32; 44; 76; 116; or 152	Every two weeks
27 onwards	32; 44; 76; 116; or 152	Every two weeks; every three weeks; or every four weeks

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wherein when the dose amount is 12 mg plus 32 mg during week 1, the dose amount of 12 mg is administered on one day, subsequently, the dose amount of 32 mg is administered on another day, wherein A plus B is 4 (A) plus 20 (B), 8 (A) plus 16 (B),

12 (A) plus 12 (B), or 8 (A) plus 24 (B), and wherein when the dose amount is A mg plus B mg during week 1, the dose amount of A mg is administered on one day, subsequently, the dose amount of B mg is administered on another day.

~~23~~16. ~~The method~~Elranatamab for use of claim ~~22~~15, wherein the subject is administered elranatamab ~~(PF06863135) a~~according to the dosing schedule as shown below,

(a)

Week Number	Dose Amount (mg)	Dose Frequency
1	44	Weekly
2 – 24	76	Weekly
25 onwards	76	Weekly; every two weeks; every three weeks; or every four weeks

, (b)

Week Number	Dose Amount (mg)	Dose Frequency
1	44	Weekly
2 – 25	76	Weekly
26 onwards	76	Weekly; every two weeks; every three weeks; or every four weeks

, (c)

Week Number	Dose Amount (mg)	Dose Frequency
1	44	Weekly
2 – 26	76	Weekly
27 onwards	76	Weekly; every two weeks; every three weeks; or every four weeks

, (d)

Week Number	Dose Amount (mg)	Dose Frequency
1	44	Weekly
2 – 24	76	Every two weeks
25 onwards	76	Every two weeks; every three weeks; or every four weeks

, (e)

Week Number	Dose Amount (mg)	Dose Frequency
1	44	Weekly
2 – 25	76	Every two weeks
26 onwards	76	Every two weeks; every three weeks; or every four weeks

, or (f)

Week Number	Dose Amount (mg)	Dose Frequency
1	44	Weekly
2 – 26	76	Every two weeks
27 onwards	76	Every two weeks; every three weeks; or every four weeks

~~.~~; optionally

~~24. The method of claim 23,~~ wherein the subject is administered elranatamab ~~PF06863135~~ according to the dosing schedule (a), (b) or (c), and the dose frequency for week 25 onwards, week 26 onwards, and week 27 onwards in the dosing schedule (a), (b), and (c), respectively, is (i) weekly, (ii) every two weeks, or (iii) weekly or every two weeks

~~25~~17. ~~The method~~Elranatamab for use of claim ~~22~~15, wherein the subject is administered elranatamab ~~(PF06863135)~~ according the dosing schedule as shown below,

(a)

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 – 24	76	Weekly
25 onwards	76	Weekly; every two weeks; every three weeks; or every four weeks

, (b)

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 – 25	76	Weekly

26 onwards	76	Weekly; every two weeks; every three weeks; or every four weeks

, (c)

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 – 26	76	Weekly
27 onwards	76	Weekly; every two weeks; every three weeks; or every four weeks

, (d)

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 – 24	76	Every two weeks
25 onwards	76	Every two weeks; every three weeks; or every four weeks

, (e)

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 – 25	76	Every two weeks
26 onwards	76	Every two weeks; every three weeks; or every four weeks

, or (f)

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 – 26	76	Every two weeks
27 onwards	76	Every two weeks; every three weeks; or every four weeks

; optionally wherein ~~.~~

~~26. The method of claim 25, wherein~~ the subject is administered elranatamab ~~PF06863135~~ according to the dosing schedule (a), (b) or (c), and the dose frequency for week 25 onwards, week 26 onwards, and week 27 onwards in the dosing schedule

(a), (b), and (c), respectively, is (i) weekly, (ii) every two weeks, or (iii) weekly or every two weeks

~~27~~18. Elranatamab for use~~The method~~ of claim ~~22~~15, wherein the subject is administered elranatamab ~~(PF06863135)~~ according the dosing schedule as shown below,

(a)

Week Number	Dose Amount (mg)	Dose Frequency
1	32; or 12 plus 32	Weekly
2 – 24	44	Weekly
25 onwards	44	Weekly; every two weeks; every three weeks; or every four weeks

, (b)

Week Number	Dose Amount (mg)	Dose Frequency
1	32; or 12 plus 32	Weekly
2 – 25	44	Weekly
26 onwards	44	Weekly; every two weeks; every three weeks; or every four weeks

, (c)

Week Number	Dose Amount (mg)	Dose Frequency
1	32; or 12 plus 32	Weekly
2 – 26	44	Weekly
27 onwards	44	Weekly; every two weeks; every three weeks; or every four weeks

, (d)

Week Number	Dose Amount (mg)	Dose Frequency
1	32; or 12 plus 32	Weekly
2 – 24	44	Every two weeks
25 onwards	44	Every two weeks; every three weeks; or every four weeks

, (e)

Week Number	Dose Amount (mg)	Dose Frequency
1	32; or 12 plus 32	Weekly
2 – 25	44	Every two weeks
26 onwards	44	Every two weeks; every three weeks; or every four weeks

, or (f)

Week Number	Dose Amount (mg)	Dose Frequency
1	32; or 12 plus 32	Weekly
2 – 26	44	Every two weeks
27 onwards	44	Every two weeks; every three weeks; or every four weeks

; optionally~~.~~

~~28. The method of claim 27,~~ wherein the subject is administered elranatamab ~~PF06863135~~ according to the dosing schedule (a), (b) or (c), and the dose frequency for week 25 onwards, week 26 onwards, and week 27 onwards in the dosing schedule (a), (b), and (c), respectively, is (i) weekly, (ii) every two weeks, or (iii) weekly or every two weeks.

~~29~~19. Elranatamab for use~~The method~~ of any one of claim ~~22~~ 15 to ~~28~~18, wherein the dose amount and the dose frequency during week 1 are together referred to as a priming dosing, and if the subject is administered only one dose of elranatamab in the priming dosing, such one dose is referred to as a single priming dose, if the subject is sequentially administered two doses of elranatamab during week 1, the two doses are referred to as a first priming dose and a second priming dose respectively; the dose amount and dose frequency during weeks 2 - 24, weeks 2 – 25 and weeks 2 – 26 in the respective dosing schedules (a) and (d), (b) and (e) and (c) and (f), respectively, are in each dosing schedule together referred to as a first treatment dosing, the dose amount and the dose frequency during week 25 and onwards, week 26 onwards, and week 27 onwards in the respective dosing schedules (a) and (d), (b) and (e) and (c) and (f), are in each dosing schedule together referred to as a second treatment dosing.

~~30~~20. ~~The method~~Elranatamab for use of claim ~~29~~19, wherein the subject is administered elranatamab ~~PF06863135~~ of the second treatment dosing for 6 to 18 cycles, thereafter, the subject is administered a third treatment dosing of elranatamab ~~PF06863135~~ subcutaneously, wherein the third treatment dosing is 32 mg Q2W, 32

mg Q4W, 44 mg Q2W, 44 mg Q4W, 76 mg Q2W, 76 mg Q4W, 116 mg Q2W, 116 mg Q4W, 152 mg Q2W, or 152 mg Q4W, wherein a cycle is 21 days or 28 days, and cycle 1 starts on day 1 week 1, day 1 week 2, or day 1 week 3; optionally.

~~31. The method of claim 30,~~ wherein (i) the first treatment dosing is 32 mg Q1W, the second treatment dosing is 32 mg Q1W or 32 mg Q2W and the third treatment dosing is 32 mg Q2W or 32 mg Q4W, (ii) first treatment dosing is 32 mg Q1W, the second treatment dosing is 32 mg Q2W and the third treatment dosing is 32 mg Q4W, (iii) the first treatment dosing is 44 mg Q1W, the second treatment dosing is 44 mg Q1W or 44 mg Q2W and the third treatment dosing is 44 mg Q2W or 44 mg Q4W; (iv) the first treatment dosing is 44 mg Q1W, the second treatment dosing is 44 mg Q2W and the third treatment dosing is 44 mg Q4W; (v) first treatment dosing is 76 mg Q1W, the second treatment dosing is 76 mg Q1W or 76 mg Q2W and the third treatment dosing is 76 mg Q2W or 76 mg Q4W, (vi) the first treatment dosing is 76 mg Q1W, the second treatment dosing is 76 mg Q2W and the third treatment dosing is 76 mg Q4W, (vii) the first treatment dosing is 116 mg Q1W, the second treatment dosing is 116 mg Q1W or 116 mg Q2W and the third treatment dosing is 116 mg Q2W or 116 mg Q4W; (viii) the first treatment dosing is 116 mg Q1W, the second treatment dosing is 116 mg Q2W and the third treatment dosing is 116 mg Q4W, (ix) the first treatment dosing is 152 mg Q1W, the second treatment dosing is 152 mg Q1W or 152 mg Q2W and the third treatment dosing is 152 mg Q2W or 152 mg Q4W, or (x) the first treatment dosing is 152 mg Q1W, the second treatment dosing is 152 Q2W and the third treatment dosing is 152 152 mg Q4W.

~~32~~21. Elranatamab for use in a~~A~~ method of treating cancer, comprising administering elranatamab ~~(PF06863135)~~ to a subject according to a dosing schedule as shown below, and wherein the dosing schedule is described by a week number, a dose amount and a dose frequency corresponding to each week number:

Week Number	Dose Amount (mg)	Dose Frequency
1	44; or 32; or 12 plus 32; or A plus B	Weekly
2 - 4	44 to 152;	Weekly
5 – 24	44 to 152	Weekly; or every two weeks
25 onwards	44 to 152	Every two weeks; every three weeks or every four weeks

wherein when the dose amount is 12 mg plus 32 mg during week 1, the dose amount of 12 mg is administered on one day, subsequently, the dose amount of 32 mg is administered on another day, wherein A plus B is 4 (A) plus 20 (B), 8 (A) plus 16 (B), 12 (A) plus 12 (B), or 8 (A) plus 24 (B), and wherein the dose amount of A mg is administered on one day, subsequently, the dose amount of B mg is administered on another day.

~~33~~22. Elranatamab for use~~The method~~ of claim ~~32~~21, wherein the subject is administered elranatamab according the following dosing schedule

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 - 4	76	Weekly
5 – 24	116	Every two weeks
25 onwards	116	Every two weeks; every three weeks; or every four weeks

; or~~.~~

~~34. The method of claim 32, wherein the subject is administered elranatamab according the following dosing schedule~~

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 - 4	76	Weekly
5 – 24	152	Every two weeks
25 onwards	152	Every two weeks; every three weeks; or every four weeks

; and optionally

~~35. The method of any one of claims 32 to 34,~~ wherein the dose amount and the dose frequency during week 1 are together referred to as a priming dosing, and if the subject is administered only one dose of elranatamab in the priming dosing, such one dose is referred to as a single priming dose, if the subject is sequentially administered two doses of elranatamab during week 1, the two doses are referred to as a first priming dose and a second priming dose respectively, the dose amount and dose frequency during weeks 2 - 4 are together referred to as a first treatment dosing, the dose amount and the dose frequency during weeks 5 - 24 and are together referred

to as a second treatment dosing, and the dose amount and dose frequency during week 25 and onwards are together referred to as a third treatment dosing.

~~36~~23. Elranatamab for use in a~~A~~ method of treating cancer, comprising administering elranatamab ~~(PF06863135)~~ to a subject according to a dosing schedule as shown below, and wherein the dosing schedule is described by a week number, a dose amount and a dose frequency corresponding to each week number:

Week Number	Dose Amount (mg)	Dose Frequency
1	44; or 32; or 12 plus 32; or A plus B	Weekly
2 - 4	44 to 76	Weekly
5 – 12	44 to 152;	Weekly
13 – 24	44 to 152	Weekly; or every two weeks
25 onwards	44 to 152	Every two weeks; every three weeks; or every four weeks

wherein when the dose amount is 12 mg plus 32 mg during week 1, the dose amount of 12 mg is administered on one day, subsequently, the dose amount of 32 mg is administered on another day, wherein A plus B is 4 (A) plus 20 (B), 8 (A) plus 16 (B), 12 (A) plus 12 (B), or 8 (A) plus 24 (B), and wherein the dose amount of A mg is administered on one day, subsequently, the dose amount of B mg is administered on another day.

~~37~~24. ~~The method~~Elranatamab for use of claim ~~36~~23, wherein the subject is administered elranatamab according the following dosing schedule

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 to 4	76	Weekly
5 - 12	116	Weekly
13 – 24	116	Weekly; or every two weeks
25 onwards	116	Every two weeks; every three weeks; or every four weeks

;

~~38. The method of claim 37, wherein the subject is administered elranatamab according the following dosing schedule~~

Week Number	Dose Amount (mg)	Dose Frequency

1	12 plus 32	Weekly
2 – 4	76	weekly
2 – 12	152	Weekly
13 – 24	152	Weekly or Every two weeks
25 onwards	152	Every two weeks; or every four weeks

:

~~39. The method of claim 36, wherein the subject is administered elranatamab according the following dosing schedule~~

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 - 4	76	weekly
5 – 12	76	Weekly
13 – 24	76	Weekly; or every two weeks
25 onwards	76	Every two weeks; every three weeks; or every four weeks

; or

~~40. The method of claim 36, wherein the subject is administered elranatamab according the following dosing schedule~~

Week Number	Dose Amount (mg)	Dose Frequency
1	12 plus 32	Weekly
2 - 4	44	weekly
5 - 12	44	Weekly
13 – 24	44	Weekly or Every two weeks
25 onwards	44	Every two weeks; every three weeks; or every four weeks

~~41~~25. Elranatamab ~~The method~~ for use of ~~any one of~~claim 23 or 24 ~~claims 36 to 40~~, wherein the dose amount and the dose frequency during week 1 are together referred to as a priming dosing, and if the subject is administered only one dose of elranatamab in the priming dosing, such one dose is referred to as a single priming dose, if the subject is sequentially administered two doses of elranatamab during week 1, the two doses are referred to as a first priming dose and a second priming dose respectively,

the dose amount and dose frequency during weeks 2 – 4 and the dose amount and dose frequency during weeks 5 - 12 are all together referred to as a first treatment dosing, the dose amount and the dose frequency during weeks 13 - 24 and are together referred to as a second treatment dosing, and the dose amount and dose frequency during week 25 onwards are together referred to as a third treatment dosing.

4226. ~~The method~~Elranatamab for use of any one of claims 1 to ~~41~~ 25 wherein the cancer is multiple myeloma.

4327. ~~The method~~Elranatamab for use of any one of claims 1 to ~~42~~ 26 , further comprising administering sasanlimab, lenalidomide, daratumumab and/or isatuximab to the subject.

~~44. The method of any one of claims 1 to 42, further comprising administering lenalidomide to the subject.~~

~~45. The method of any one of claims 1 to 42, further comprising administering daratumumab to the subject.~~

~~46. The method of any one of claims 1 to 42, further comprising administering to the subject isatuximab.~~

4728. Elranatamab for use of~~The method of~~ any one of claims 1 to ~~42~~27, further comprising administering to the subject (i) at least one dose of a premedication on the day when the single priming dose, the first priming dose, the second priming dose or the first dose of the first treatment dose of elranatamab ~~PF06863135~~ is administered to the subject, wherein the premeditation is acetaminophen, diphenhydramine or dexamethasone~~.~~; (ii)

~~48. The method of any one of claims 1 to 42, further comprising administering to the subject~~ a second therapeutic agent; and/or (iii)~~.~~

~~49. The method of any one of claims 1 to 42, further comprising administering to the subject~~ radiotherapy.