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(71) Applicant *(for all designated States except US)*: **GENENTECH, INC.** [US/US]; 1 Dna Way, South San Francisco, California 94080 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **ADAMS, Camellia, W.** [US/US]; 116c Flynn Avenue, Mountain View, California 94043 (US).

(74) Agent: **DREGER, Ginger, R.**; HELLER EHRMAN LLP, 275 Middlefield Road, Menlo Park, California 94025-3506 (US).

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(54) Title: DR5 ANTIBODIES AND USES THEREOF

(57) Abstract: The invention concerns anti-DR5 antibodies with improved properties, compositions comprising such antibodies, methods and means for making such antibodies, and their therapeutic use, in particular in the treatment of cancer.

Alignment, 16ES and Apomab 7.3 Heavy chains

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16E2          1 EVQLVQSGGGVERPGGSLRLSCAASGFTFDDYGMSW
                                        *
Apomab7.3     1 EVQLVQSGGGVERPGGSLRLSCAASGFTFDDYAMSW

16E2         37 VRQAPGKGLEWVSGINWNGGSTGYADSVKGRVTISRDNAKNSLYLQMNSL
                                  *
Apomab7.3    37 VRQAPGKGLEWVSGINWQGGSTGYADSVKGRVTISRDNAKNSLYLQMNSL

16E2         87 RAEDTAVYYCAKILGAGRGWYFDLWGKGTTVTVSSASTKGPSVFPLAPSS
                                        *
Apomab7.3    87 RAEDTAVYYCAKILGAGRGWYFDYWGKGTTVTVSSASTKGPSVFPLAPSS

16E2        137 KSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSL
Apomab7.3   137 KSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSL

16E2        187 SSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAP
Apomab7.3   187 SSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAP

16E2        237 ELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV
Apomab7.3   237 ELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV

16E2        287 EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPI
Apomab7.3   287 EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPI


16E2        337 EKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE
Apomab7.3   337 EKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE

16E2        387 SNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEAL
Apomab7.3   387 SNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEAL

16E2.huIgG1 437 HNHYTQKSLSLSPGK
Apomab7.3   437 HNHYTQKSLSLSPGK
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