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(54) Title: ANTI-FLT3 ANTIBODIES, CARS, CAR T CELLS AND METHODS OF USE

(57) Abstract: Provided herein are anti-FLT3 antibodies or antigen binding fragments thereof, including heavy chain variable region, light chain variable region and single chain fragments (such as humanized anti-FLT3 antibodies and fragments thereof). In some aspects, the antibodies or fragments specifically bind human FLT3. Also provided herein are recombinant receptors, such as chimeric antigen receptors (CARs), comprising such antibodies or fragments. Also provided herein are immune cells comprising such CARs, such as CAR T cells. Also provided herein are methods of use of such antibodies or fragments, CARs and immune cells.

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