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(54) Title: PHARMACEUTICAL COMPOSITIONS WITH RESISTANCE TO SOLUBLE CEA

(57) Abstract: The present invention relates to pharmaceutical compositions for the treatment of an epithelial tumor in a human, said pharmaceutical composition comprising a bispecific single chain antibody which has a first binding domain specifically binding to human CD3, and a second binding domain specifically binding to human CEA, wherein said second binding domain comprises at least a part of the CDR-H3 or the complete CDR-H3 of murine monoclonal antibody A5B7. Furthermore, processes for the production of said pharmaceutical compositions as well as medical/pharmaceutical uses for the specific bispecific single chain antibody molecules bearing specificities for the human CD3 antigen and the human CEA antigen are disclosed.

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