

Title (en)

A METHOD OF USING AN ANTI-CD137 ANTIBODY AS AN AGENT FOR RADIOIMMUNOTHERAPY OR RADIOIMMUNODETECTION

Title (de)

VERFAHREN ZUR VERWENDUNG EINES ANTI-CD-137-ANTIKÖRPERS ALS MITTEL FÜR DIE RADIOIMMUNTHERAPIE ODER DEN RADIOIMMUN-NACHWEIS

Title (fr)

PROCEDE D'UTILISATION D'UN ANTICORPS ANTI-CD137 EN TANT QU'AGENT DE RADIO-IMMUNOTHERAPIE OU RADIO-IMMUNODETECTION

Publication

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Application

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Abstract (en)

[origin: WO2006088464A2] The current invention relates to the development and methods of use of a recombinant agonistic antibody anti-human CD137, and glycosylation variants thereof. These antibodies act as anti-cancer agents and/or immune modulators that are effective in shrinking solid tumors or other cancerous indications and preventing their recurrence. The types of cancer for which the contemplated antibody is effective in treating also include leukemia and lymphoma. In a preferred embodiment the recombinant antibodies of the current invention were produced in and purified from the milk of transgenic animals. In another preferred embodiment of the current invention the agonistic anti-CD137 antibodies of the invention can be conjugated to radionuclides for radioimmunodetection or radioimmunotherapeutic purposes, or conjugated to a toxin for enhanced therapeutic treatment of various cancers.

IPC 8 full level

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Citation (search report)

- [A] MILLER ROBERT E ET AL: "4-1BB-specific monoclonal antibody promotes the generation of tumor-specific immune responses by direct activation of CD8 T cells in a CD40-dependent manner.", JOURNAL OF IMMUNOLOGY (BALTIMORE, MD. : 1950) 15 AUG 2002, vol. 169, no. 4, 15 August 2002 (2002-08-15), pages 1792 - 1800, XP001180752, ISSN: 0022-1767
- See references of WO 2006088464A2

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