

Title (en)

NEUTRALIZING HUMAN ANTIBODIES TO ANTHRAX TOXIN GENERATED BY RECALL TECHNOLOGY

Title (de)

NEUTRALISIERENDE MENSCHLICHE ANTIKÖRPER GEGEN ANTHRAX-TOXIN, ERZEUGT DURCH RECALL-TECHNOLOGIE

Title (fr)

NEUTRALISATION D'ANTICORPS HUMAINS PAR RAPPORT A UNE TOXINE D'ANTHRAX GENERES PAR UNE TECHNOLOGIE DE CONCORDANCE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005056052A1] A highly efficient method for generating human antibodies using recall technology is provided. In one aspect, human antibodies which are specific to the anthrax toxin are provided. In one aspect, human peripheral blood cells that have pre-exposed to anthrax toxin are used in the SCID mouse model. This method results in high human antibody titers which are primarily of the IgG isotype and which contain antibodies of high specificity and affinity to desired antigens. The antibodies generated by this method can be used therapeutically and prophylactically for preventing or treating mammals exposed to anthrax. Methods for diagnosis and methods to determine anthrax contamination are also described.

IPC 8 full level

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