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Anticorps anti-amyloïde et son utilisation

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(56) References cited:  
**EP-A- 1 172 378 WO-A-2005/018424**  
**WO-A-2006/103116**

- **GEYLIS V ET AL: "Human monoclonal antibodies**  
**against amyloid-beta from healthy adults",**  
**NEUROBIOLOGY OF AGING, TARRYTOWN, NY,**  
**US, vol. 26, no. 5, May 2005 (2005-05), pages**  
**597-606, XP004748495, ISSN: 0197-4580**

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**EP 2 436 696 B8**

- MASTERS C L ET AL: "AMYLOID PLAQUE CORE PROTEIN IN ALZHEIMER DISEASE AND DOWN SYNDROME", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC; US, vol. 82, no. 12, 1 June 1985 (1985-06-01), pages 4245-4249, XP009012931, ISSN: 0027-8424, DOI: 10.1073/PNAS.82.12.4245
- GEYLIS ET AL: "Immunotherapy of Alzheimer's disease (AD): From murine models to anti-amyloid beta (Abeta) human monoclonal antibodies", AUTOIMMUNITY REVIEWS, ELSEVIER, AMSTERDAM, NL, vol. 5, no. 1, January 2006 (2006-01), pages 33-39, XP005203566, ISSN: 1568-9972
- DU Y ET AL: "Human anti-beta-amyloid antibodies block beta-amyloid fibril formation and prevent beta-amyloid-induced neurotoxicity", BRAIN, OXFORD UNIVERSITY PRESS, OXFORD, GB, vol. 126, no. 9, September 2003 (2003-09), pages 1935-1939, XP002360367, ISSN: 0006-8950
- FRÉDÉRIQUE BARD ET AL: "Epitope and isotype specificities of antibodies to [beta]-amyloid peptide for protection against Alzheimer's disease-like neuropathology", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, DC; US, vol. 100, no. 4, 18 February 2003 (2003-02-18), pages 2023-2028, XP002630662, ISSN: 0027-8424, DOI: 10.1073/PNAS.0436286100
- LEE E B ET AL: "Targeting Amyloid-beta Peptide (Abeta) Oligomers by Passive Immunization with a Conformation-selective Monoclonal Antibody Improves Learning and Memory in Abeta Precursor Protein (APP) Transgenic Mice", JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY FOR BIOCHEMISTRY AND MOLECULAR BIOLOGY, US, vol. 281, no. 7, 17 February 2006 (2006-02-17), pages 4292-4299, XP003013340, ISSN: 0021-9258, DOI: 10.1074/JBC.M511018200