

Title (en)

HUMANIZED ANTIBODY CONJUGATES AND RELATED METHODS, ASSAYS, REAGENTS, AND KITS

Title (de)

HUMANISIERTE ANTIKÖRPERKONJUGATE UND ENTSPRECHENDE VERFAHREN, TESTS, REAGENZIEN UND KITS

Title (fr)

CONJUGUES D'ANTICORPS HUMANISES ET PROCEDES CORRESPONDANTS, ESSAIS BIOLOGIQUES, REACTIFS ET TROUSSES

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Application

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Abstract (en)

[origin: WO2007011698A2] The invention provides synthetically and recombinantly-derived humanized antibody conjugates and related methods, diagnostic assays, reagents, and kits. In one embodiment, the invention provides humanized antibody conjugates comprising a human immunoglobulin fragment which is bound by a cross-linking functional group to a non-human antibody fragment (e.g., a non-human monoclonal antibody fragment) comprising an antigen-binding amino acid sequence.

IPC 8 full level

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Citation (search report)

- [X] US 5681566 A 19971028 - STEVENSON GEORGE T [GB]
- [X] TUNG E ET AL: "CHIMERIC ANTIBODY CONJUGATES FORMATION WITH HETEROBIFUNCTIONAL CROSS-LINKING REAGENTS", CHINESE JOURNAL OF MICROBIOLOGY AND IMMUNOLOGY (TAIPEI), vol. 23, no. 2, 1990, & 13TH ANNUAL SCIENTIFIC MEETING OF THE CHINESE SOCIETY OF IMMUNOLOGY AND THE INTERNATIONAL SYMPOSIUM, XP009117782, ISSN: 0253-2662
- [X] CAROSELLA E D ET AL: "Anti-human interleukin 2 receptor monoclonal antibody isotypic switching: Chimeric rat-human antibodies", HUMAN IMMUNOLOGY, NEW YORK, NY, US, vol. 29, no. 4, 1 December 1990 (1990-12-01), pages 233 - 246, XP023715811, ISSN: 0198-8859, [retrieved on 19901201]
- [X] MORRISON S L: "IN VITRO ANTIBODIES: STRATEGIES FOR PRODUCTION AND APPLICATION", ANNUAL REVIEW OF IMMUNOLOGY, ANNUAL REVIEWS INC, US, vol. 10, 1 January 1992 (1992-01-01), pages 239 - 265, XP000983246, ISSN: 0732-0582
- [X] NEUBERGER M S ET AL: "A HAPten-SPECIFIC CHIMAERIC IGE ANTIBODY WITH HUMAN PHYSIOLOGICAL EFFECTOR FUNCTION", NATURE, NATURE PUBLISHING GROUP, LONDON, UK, vol. 314, 21 March 1985 (1985-03-21), pages 268 - 270, XP001084105, ISSN: 0028-0836
- See references of WO 2007011698A2

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