18 October 2002

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07K 16/00

A2

(11) International Publication Number: WO 99/57151

(43) International Publication Date: 11 November 1999 (11.11.99)

(21) International Application Number: PCT/EP99/02711

(22) International Filing Date: 22 April 1999 (22.04.99)

(30) Priority Data:
98107925.4 30 April 1998 (30.04.98) EP

(71) Applicant *(for all designated States except US)*: BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; D–55216 Ingelheim (DE).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: PARK, John, Edward [US/DE]; Widdersteinstrasse 162, D–88400 Biberach (DE). GARIN–CHESA, Pilar [ES/DE]; Magnolienweg 7, D–88400 Biberach (DE). BAMBERGER, Uwe [DE/DE]; Grünweiler 90, D–88416 Ochsenhausen (DE). RETTIG, Wolfgang, J. [DE/DE]; Magnolienweg 7, D–88400 Biberach (DE). LEGER, Olivier [FR/FR]; Le Clos Saint André, 22, rue Marc Courriard, F–74100 Annemasse (FR). SALDANHA, Jose [GB/GB]; 22A Lincoln Way, Enfield, Middlesex EN1 1TE (GB).

(74) Agents: LAUDIEN, Dieter et al.; Boehringer Ingelheim GmbH, A Patente, D–55216 Ingelheim (DE).

(81) Designated States: AU, BG, BR, CA, CN, CZ, EE, HU, ID, IL, JP, KR, LT, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, UZ, VN, YU, ZA, Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: FAP α–SPECIFIC ANTIBODY WITH IMPROVED PRODUCIBILITY

(57) Abstract

Recombinant antibody proteins are provided that specifically bind fibroblast activation protein alpha (FAPα) and comprise framework modifications resulting in the improved producibility in host cells. The invention also relates to the use of said antibodies for diagnostic and therapeutic purposes and methods of producing said antibodies.



162162



G00002