20000161-0
IPOS COPY!

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 99/05175

(43) International Publication Date: 4 February 1999 (04.02.99)

(21) International Application Number: PCT/GB98/02151

(22) International Filing Date: 20 July 1998 (20.07.98)

(30) Priority Data:

9715281.3	21 July 1997 (21.07.97)	GB
9810676.8	18 May 1998 (18.05.98)	GB

(71)(72) Applicant and Inventor: MATOSSIAN-ROGERS, Arpi [GB/GB]; 376 Finchley Road, London NW3 7AJ (GB).

(74) Agent: HALLYBONE, Huw, George; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

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

(54) Title: LIGANDS, INCLUDING ANTIBODIES, SHOWING REACTIVITY AGAINST ENDOCRINE CELLS

(57) Abstract

The invention provides monoclonal and polyclonal antibodies recognising molecules on secretory cells of various tissue targets of autoimmune disease allowing a unifying method of preventing and treating autoimmune diseases and other conditions where hormonal dysregulation, hyperinsulinaemia and insulin resistance are involved. It also provides a method for detecting similar antibodies in human sera or other body fluids which can be used in the development of diagnostic kits. Treatment methods arising from this invention comprise the administration of preparations of the antibodies, their target molecules and vectors containing coding sequences of the antibodies and their target molecules.