

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 October 2009 (01.10.2009)

(10) International Publication Number
WO 2009/121024 A3

PCT

(51) International Patent Classification:

G01N 33/53 (2006.01) **C07K 14/00** (2006.01)
G01N 33/68 (2006.01) **G01N 33/543** (2006.01)

(21) International Application Number:

PCT/US2009/038674

(22) International Filing Date:

27 March 2009 (27.03.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/040,120 27 March 2008 (27.03.2008) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

— with sequence listing part of description (Rule 5.2(a))

(88) Date of publication of the international search report:

18 March 2010

(54) Title: METHODS FOR DETECTING ANTIBODIES

(57) Abstract: Methods for detection of any antibody utilizing a standardized approach applicable to any antibody which provides highly specific assays specific for individual or multiple antibodies. The methods enable improved pharmacokinetic analysis during development and clinical use of antibody-based therapies as well as determination of diagnostic and/or prognostic factors.



WO 2009/121024 A3

A. CLASSIFICATION OF SUBJECT MATTER*G01N 33/53(2006.01)i, G01N 33/68(2006.01)i, C07K 14/00(2006.01)i, G01N 33/543(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC as above

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS (KIPO internal), Google, NCBI PubMed, Delphion (mimotope, antibod*, complex, detect*, phage display and similar terms.)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	B. JIANG, et al. "A novel peptide isolated from a phage display peptide library with trastuzumab can mimic antigen epitope of HER-2." In Journal of Biological Chemistry. Vol.280(6):4656-4662 (11 February 2005). See the whole document, especially abstract, experimental procedure, figures 1, 2.	1-26
A	A. BARENHOLZ, et al. "A peptide mimetic of the mycobacterial mannosylated lipoarabinomannan: characterization and potential applications." In Journal of Medical Microbiology. Vol.56:579-586 (2007). See the whole document, especially abstract, Methods, figures 1, 4.	1-26
A	R. BRISSETTE, et al. "Identification of cancer targets and therapeutics using phage display." In Current Opinion in Drug Discovery & Development. Vol.9(3):363-369 (2006). See the whole document, especially abstract, pages 363-365, figure 1.	1-26

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

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"E" earlier application or patent but published on or after the international filing date

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

23 DECEMBER 2009 (23.12.2009)

Date of mailing of the international search report

24 DECEMBER 2009 (24.12.2009)

Name and mailing address of the ISA/KR

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gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2009/038674

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2007-022557 A1 (DIATECH PTY LTD.) 01 MARCH 2007. See the whole document, especially page 2, lines 25-27; page 30, line 30-page 31, line 27; claims 41-46.	1-26
A	US 7,074,888 B1 (J. L. MILLER et al.) 11 July 2006. See the whole document, especially abstract, columns 16-28.	1-26

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2009/038674

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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