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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
4 September 2008 (04.09.2008)

PCT

(10) International Publication Number
WO 2008/106134 A3

(51) International Patent Classification:
C07K 16/28 (2006.01) *C07K 14/715* (2006.01)

(21) International Application Number:
PCT/US2008/002534

(22) International Filing Date:
26 February 2008 (26.02.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/892,104 28 February 2007 (28.02.2007) US
60/945,183 20 June 2007 (20.06.2007) 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, 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, MT, NL,

[Continued on next page]

(54) Title: ENGINEERED ANTI-IL-23R ANTIBODIES

(57) Abstract: Antibodies to human IL-23R are provided, as well as uses thereof, e.g. in treatment of inflammatory, autoimmune, and proliferative disorders.

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                                        ----CDRH1---
r41F11    EVQLVESGGGLVQPGRSLKLSCVAS GFTFNNSW--MT WIRQAPGKGLECVA
r8B10     EVKLVESGGGLEQPKGSLKLSCTVS GFDFNSYG--MS WVRQAPGKGLDLVA
hu8B10    QVQLVESGGGVVQPGRSLRLSCAAS GFDFNSYG--MS WVRQAPGKGLEWVA
r3C11     QVTLKESGPGILQPSQTLSLTCTFS GFSLSTYGMGVG WIRQPSGKGLEWLA
m20E5     QVPLQQPGTELVKPGASVKLSCKAS GYTFTSYW--IH WVKQRPEQGLEWIG
m20D7     QIQLVQSGPELKKPGETVKISCKAS GYTFTNYA--MN WVKQAPGKGLKWMG
hu20D7-a  QVQLVQSGAEVKKPGASVKVSCKAS GYTFTNYA--MN WVRQAPGQGLEWMG
hu20D7-b  QVQLVQSGAEVKKPGASVKVSCKAS GYTFTNYA--MN WVRQAPGQGLEWMG
hu20D7-c  QVQLVQSGAEVKKPGASVKVSCKAS GYTFTNYA--MN WVRQAPGQGLEWMG

          -------CDRH2-------
r41F11    SITNTGG--STYYPDSVKG RFTISRDNAKSTLYLQMNSLRSEDTATYYCSR
r8B10     DINSKSYNYATYYADSVKD RFTISRDDSQSMVYLEMDNLKTEDTALYYCTV
hu8B10    DINSKSYNYATYYADSVKD RFTISRDNSKNTLYLQMNSLRAEDTAVYYCAR
r3C11     NIWWDDD---KYYNPSLKN RLTISKDTSNNQAFLKITNVDTADTATYYCAR
m20E5     EIDPSDS--YTYYNQKFKD KATLTVDKSSTTAFLQLSSLTSEDSAVYYCAR
m20D7     WINTYTG--EPTYSDDFKG RFAFSLETSANTAYLQINNLKNEDTAAYFCTR
hu20D7-a  WINTYTG--EPTYSDDFKG RVTMTTDTSTSTAYMELRSLRSDDTAVYYCAR
hu20D7-b  WINTYTG--EPTYSDDFKG RVTMTLDTSTSTAYMELRSLRSDDTAVYYCAR
hu20D7-c  WINTYTG--EPTYSDDFKG RVTFTLDTSTSTAYMELRSLRSDDTAVYYCAR

          ------CDRH3------
r41F11    EDNS----------GYDY WGQGVMVTVSS
r8B10     HHSD----------YFEY WGQGVMVTVSS
hu8B10    HHSD----------YFEY WGQGTLVTVSS
r3C11     IDAHPMGITTPDYYVVDA WGQGASVTVSS
m20E5     SLYDYD--------GVPD WGQGTLVTVSA
m20D7     GGGYDED-------YFDY WGQGTTLTVSS
hu20D7-a  GGGYDED-------YFDY WGQGTLVTVSS
hu20D7-b  GGGYDED-------YFDY WGQGTLVTVSS
hu20D7-c  GGGYDED-------YFDY WGQGTLVTVSS
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Fig- 1

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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).

Declaration under Rule 4.17:

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

— *with international search report*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

— *with sequence listing part of description published separately in electronic form and available upon request from the International Bureau*

(88) Date of publication of the international search report:
20 November 2008