



(51) International Patent Classification:

A61P 35/00 (2006.01) *C07K 14/00* (2006.01)
C07K 16/28 (2006.01) *A61K 39/00* (2006.01)
A61K 47/48 (2006.01)

(21) International Application Number:

PCT/US2015/021849

(22) International Filing Date:

20 March 2015 (20.03.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/968,819 21 March 2014 (21.03.2014) US

(71) Applicant: ABBVIE INC. [US/US]; 1 North Waukegan Road, North Chicago, IL 60064 (US).

(72) Inventors: REILLY, Edward, B.; 1136 Winners Circle, Libertyville, IL 60048 (US). PHILLIPS, Andrew, C.; 519 Garfield Avenue, Libertyville, IL 60048 (US). BENATU-IL, Lorenzo; 33 Mohawk Drive, Northborough, MA 01532 (US). BUCHANAN, Fritz, G.; 1291 Holly Court, Antioch, IL 60002 (US). MEULBROEK, Jonathan, A.; 230 East Woodland Road, Lake Bluff, IL 60044 (US). HSIEH, Chung-Ming; 22 Olde Field Road, Newton, MA 02459 (US). PEREZ, Jennifer; 533 Scott Hill Road, Granville, NY 12832 (US).

(74) Agents: COWLES, Cristin H. et al.; Mccarter & English, LLP, 265 Franklin Street, Boston, MA 02110 (US).

(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, BN, BR, BW, BY, BZ, CA, CH, CL, 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, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, 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, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
- with sequence listing part of description (Rule 5.2(a))

(54) Title: ANTI-EGFR ANTIBODIES AND ANTIBODY DRUG CONJUGATES

FACS Binding to Tumor Cells

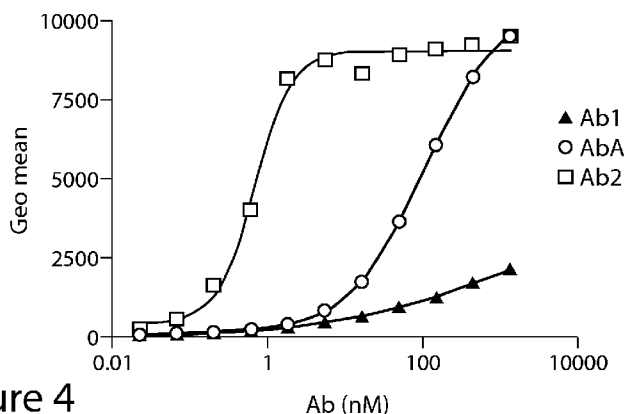


Figure 4

(57) Abstract: The invention relates to anti-epidermal growth factor (EGFR) antibodies and antibody drug conjugates (ADCs), including compositions and methods of using said antibodies and ADCs.