



(51) International Patent Classification:

C07K 16/28 (2006.01) *A61K 39/00* (2006.01)
A61K 31/00 (2006.01)

(21) International Application Number:

PCT/US2017/036445

(22) International Filing Date:

07 June 2017 (07.06.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/347,476 08 June 2016 (08.06.2016) US
62/366,511 25 July 2016 (25.07.2016) US

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

(72) Inventors: **BENATUIL, Lorenzo**; 33 Mohawk Drive, Northborough, MA 01532 (US). **BRUNCKO, Milan**; 31231 Prairie Ridge Road, Green Oaks, IL 60048 (US). **CHAO, Debra**; 4846 Balthazar Terrace, Fremont, CA 94555 (US). **IZERADJENE, Kamel**; 1443 Clavey Lane, Gurnee, IL 60031 (US). **JUDD, Andrew, S.**; 138 Main-sail Drive, Grayslake, IL 60030 (US). **PHILLIPS, An-**

drew, C.; 519 Garfield Avenue, Libertyville, IL 60048 (US). **SOUERS, Andrew, J.**; 156 Blueberry Road, Libertyville, IL 60048 (US). **THAKUR, Archana**; 8378 Moller Ranch Drive, Pleasanton, CA 94588 (US).

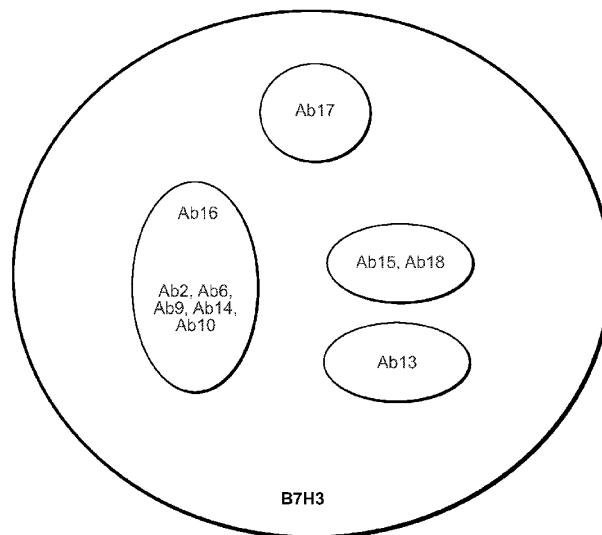
(74) Agent: **COWLES, Cristin, H.** et al.; Womble Bond Dickinson (US) LLP, P.O. Box 7037, Atlanta, Georgia 30357 (US).

(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, DJ, 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, KH, KN, KP, KR, KW, 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,

(54) Title: ANTI-B7-H3 ANTIBODIES AND ANTIBODY DRUG CONJUGATES

Figure 1



(57) Abstract: The invention relates to B7 homology 3 protein (B7-H3) antibodies and antibody drug conjugates (ADCs), including compositions and methods of using said antibodies and ADCs.

[Continued on next page]

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))*
- *with amended claims (Art. 19(1))*
- *with sequence listing part of description (Rule 5.2(a))*

Date of publication of the amended claims:

08 March 2018 (08.03.2018)