



(51) International Patent Classification:

<i>A61K 39/00</i> (2006.01)	<i>A61P 35/00</i> (2006.01)
<i>A61K 39/395</i> (2006.01)	<i>A61P 35/04</i> (2006.01)
<i>A61K 51/00</i> (2006.01)	<i>A61P 43/00</i> (2006.01)

O'BRIEN, Neil; 2931 2nd Street, Apt. 4, Santa Monica, CA 90405 (US). **PALAZZOLO, Mike**; 2522 Springbrook Street, Thousand Oaks, CA 91362 (US). **VON EUW, Erika**; 3436 S. Centinela Avenue, Apt. 2, Los Angeles, CA 90066 (US).

(21) International Application Number:

PCT/US2018/051610

(22) International Filing Date:

18 September 2018 (18.09.2018)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/560,143 18 September 2017 (18.09.2017) US

(71) **Applicant: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).

Inventors: **CONKLIN, Dylan**; 22623 Cass Avenue, Woodland Hills, CA 91364 (US). **SLAMON, Dennis**; 23122 Calvert Street, Woodland Hills, CA 91367 (US).

(74) **Agent:** **HONG, Julie, J.** et al.; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, IL 60606-6357 (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, JO, 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.

(54) Title: CLAUDIN6 ANTIBODIES AND METHODS OF TREATING CANCER

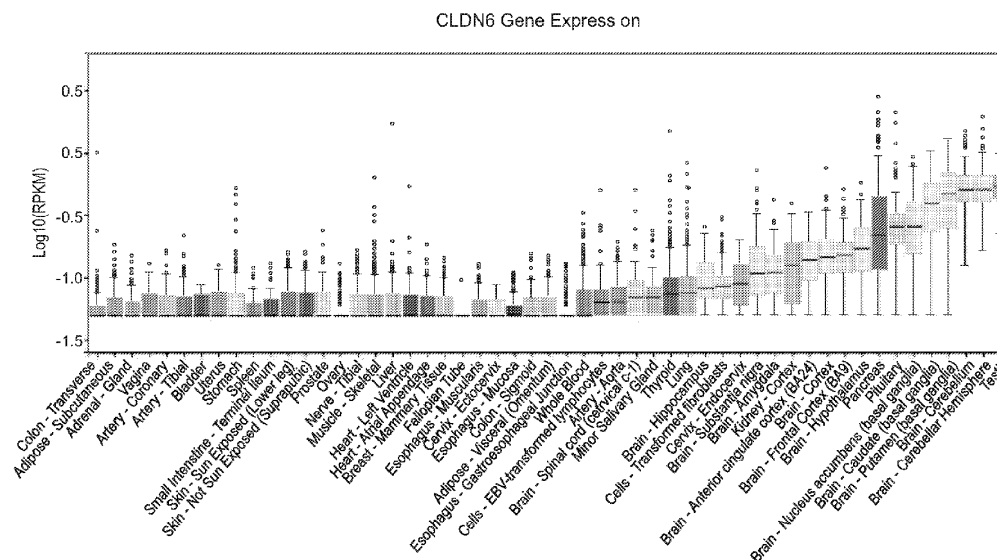


FIGURE 1

(57) Abstract: The present disclosure provides antigen-binding proteins which bind to Claudin-6 (CLDN6). In various aspects, the antigen-binding proteins bind to Extracellular Loop 2 (EL2) of the extracellular domain of CLDN6. Related polypeptides, nucleic acids, vectors, host cells, and conjugates are further provided herein. Kits and pharmaceutical compositions comprising such entities are moreover provided. Also provided are methods of making an antigen-binding protein and methods of treating a subject having cancer.

(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).

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))*

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

16 May 2019 (16.05.2019)