



- (51) **International Patent Classification:**
C07K 16/28 (2006.01) *A61P 35/00* (2006.01)
- (21) **International Application Number:**
PCT/US2019/046156
- (22) **International Filing Date:**
12 August 2019 (12.08.2019)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
62/718,106 13 August 2018 (13.08.2018) US
- (71) **Applicant:** **INHIBRX, INC.** [US/US]; 11025 N. Torrey Pines Road, Suite 200, La Jolla, California 92037 (US).
- (72) **Inventors:** **TIMMER, John C.**; 11025 N. Torrey Pines Road, Suite 200, La Jolla, California 92037 (US). **CRAGO, William**; 11025 N. Torrey Pines Road, Suite 200, La Jolla, California 92037 (US). **JONES, Kyle**; 11025 N. Torrey Pines Road, Suite 200, La Jolla, California 92037 (US). **SULZMAIER, Florian**; 11025 N. Torrey Pines Road, Suite 200, La Jolla, California 92037 (US). **BECKLUND, Bryan**; 11025 N. Torrey Pines Road, Suite 200, La Jolla, California 92037 (US). **ECKELMAN, Brendan P.**; 11025 N. Torrey Pines Road, Suite 200, La Jolla, California 92037 (US).
- (74) **Agent:** **SCARR, Rebecca B.** et al.; MCNEILL BAUR PLLC, 500 W. Silver Spring Drive, Suite K-200, Glendale, Wisconsin 53217 (US).
- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

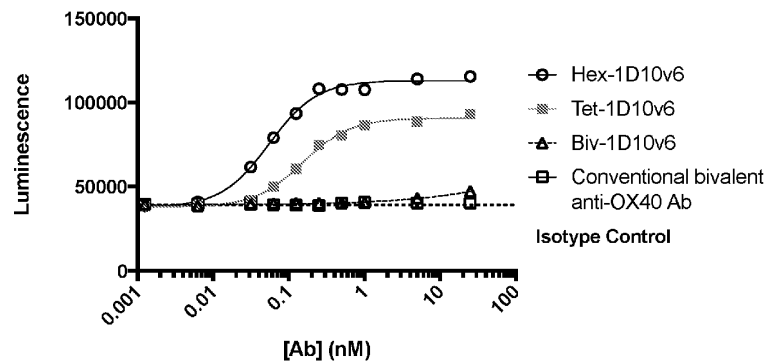
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, 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.

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

- (54) **Title:** OX40-BINDING POLYPEPTIDES AND USES THEREOF

Promega OX40-NFκB-Luc2 Jurkat Reporter Cell Activation**FIG. 5**

- (57) **Abstract:** Provided herein are VHH-containing polypeptides that bind OX40. In some embodiments, VHH-containing polypeptides that bind and agonize OX40 are provided. Uses of the VHH-containing polypeptides are also provided.