



(51) International Patent Classification:

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

A61P 35/00 (2006.01)

(21) International Application Number:

PCT/US2019/033884

(22) International Filing Date:

24 May 2019 (24.05.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/676,813 25 May 2018 (25.05.2018) US

(71) Applicant: **ALECTOR LLC** [US/US]; 131 Oyster Point Blvd, Suite 600, South San Francisco, California 94080 (US).

(72) Inventors: **PINCETIC, Andrew**; San Francisco, California (US). **HO, Wei-Hsien**; Belmont, CA, California (US). **CULP, Patricia**; Oakland, California (US). **ROSENTHAL, Arnon**; Woodside, California (US).

(74) Agent: **SCARR, PHD, Rebecca B.** et al.; 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,

(54) Title: ANTI-SIRPA ANTIBODIES AND METHODS OF USE THEREOF

FIGURE 10A

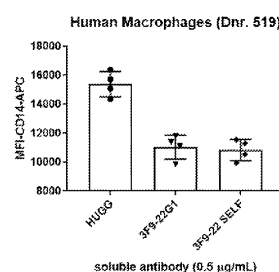
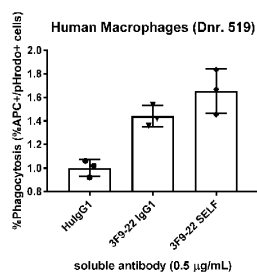
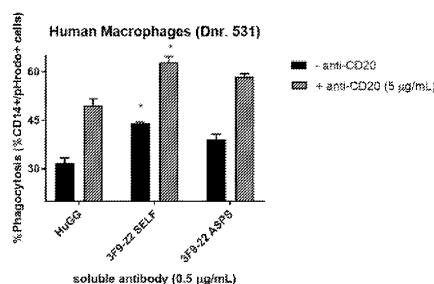


FIGURE 10B



(57) Abstract: The present disclosure is generally directed to compositions that include antibodies, e.g., monoclonal, antibodies, antibody fragments, etc., that specifically bind a SIRPA polypeptide, e.g., a mammalian SIRPA or human SIRPA, and use of such compositions in preventing, reducing risk, or treating an individual in need thereof.

[Continued on next page]

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))*