

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau

(43) International Publication Date  
14 April 2022 (14.04.2022)



(10) International Publication Number  
**WO 2022/073062 A1**

(51) International Patent Classification:

*C07K 16/28* (2006.01) *A61P 37/02* (2006.01)  
*A61K 39/12* (2006.01) *C07K 14/005* (2006.01)  
*A61K 47/68* (2017.01) *C07K 14/47* (2006.01)  
*A61P 31/14* (2006.01) *C12N 7/00* (2006.01)  
*A61P 31/12* (2006.01) *G01N 33/68* (2006.01)

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:**

— of inventorship (Rule 4.17(iv))

(21) International Application Number:

PCT/AU2021/051160

**Published:**

— with international search report (Art. 21(3))  
— with sequence listing part of description (Rule 5.2(a))

(22) International Filing Date:

05 October 2021 (05.10.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2020903586 05 October 2020 (05.10.2020) AU

(71) Applicants: **MONASH UNIVERSITY** [AU/AU];  
Wellington Road, Clayton, Victoria 3800 (AU). **THE  
UNIVERSITY OF QUEENSLAND** [AU/AU]; St Lucia,  
Queensland 4072 (AU).

(72) Inventors: **LAHOUD, Mireille Hanna**; c/- Monash Uni-  
versity, Wellington Road, Clayton, Victoria 3800 (AU).  
**TULLETT, Kirsteen McInnes**; c/- Monash Uni-  
versity, Wellington Road, Clayton, Victoria 3800 (AU).  
**CAMINSCHI, Irina**; c/- Monash University, Wellington  
Road, Clayton, Victoria 3800 (AU). **RADFORD, Kristen  
Jane**; c/- The University of Queensland, St Lucia, Queens-  
land 4072 (AU). **ROBERT, Remy**; c/- Monash University,  
Wellington Road, Clayton, Victoria 3800 (AU).

(74) Agent: **FPA PATENT ATTORNEYS PTY LTD**; Level  
46, 101 Collins Street, Melbourne, Victoria 3000 (AU).

(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, IT, 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, ST, SV, SY, TH, TJ, TM, TN,  
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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,

(54) Title: CLEC9A ANTIBODIES

(57) Abstract: The invention relates to Clec9A, to antigen binding proteins and related fragments thereof for binding to Clec9A, to production of said antigen binding proteins and fragments and to use of said antibodies and fragments for detection and therapy of various conditions, in particular inflammation, infection and oncology.

WO 2022/073062 A1