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(71) Applicant: **KOLLTAN PHARMACEUTICALS, INC.** [US/US]; 300 George Street, Suite 530, New Haven, CT 06511 (US).

(72) Inventors: **HADARI, Yaron**; 34 Bates Road, Harrison, NY 10528 (US). **MANDEL-BAUSCH, Elizabeth, M.**; 3 Willow Street, Milford, CT 06460 (US). **CARR, Francis, Joseph**; Birchlea, The Holdings, Balmedie, Aberdeenshire AB23 8WU (GB). **JONES, Timothy, David**; 27 Brick Row, Babraham, Cambridgeshire CB22 3AJ (GB). **PERRY, Laura, Clare Alexandra**; Brick House, The Street, Lidgate, Suffolk CB8 9PW (GB).

(74) Agents: **CORUZZI, Laura A.** et al.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

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(54) Title: ANTI-KIT ANTIBODIES AND USES THEREOF

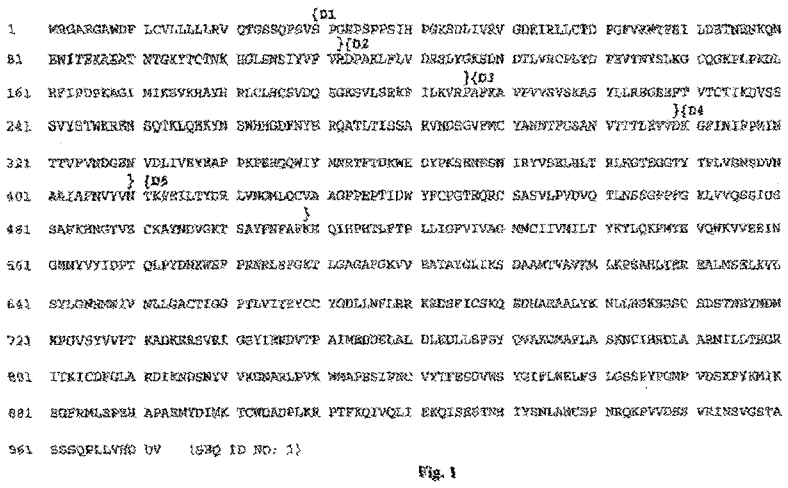


Fig. 1

(57) Abstract: Provided herein, in one aspect, are antibodies that immunospecifically bind to a human KIT antigen comprising the fourth and/or fifth extracellular Ig-like domains (that is, D4 and/or D5 domains), polynucleotides comprising nucleotide sequences encoding such antibodies, and expression vectors and host cells for producing such antibodies. The antibodies can inhibit KIT activity, such as ligand-induced receptor phosphorylation. Also provided herein are kits and pharmaceutical compositions comprising antibodies that specifically bind to a KIT antigen, as well as methods of treating or managing a KIT-associated disorder or disease and methods of diagnosing a KIT-associated disorder or disease using the antibodies described herein.

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