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(71) Applicant: **OMEROS CORPORATION** [US/US]; 201 Elliott Avenue West, Seattle, WA 98119 (US).

(72) Inventors: **DEMOPULOS, Gregory, A.**; 4845 Forest Avenue Se, Mercer Island, WA 98040 (US). **DUDLER, Thomas**; 13410 Ne 36th Street, Bellevue, WA 98005 (US). **NILSSON, Bo**; Norrtorpsvägen 39, 75655 Uppsala (SE).

(74) Agent: **QUINTON, Tineka, J.**; Omeros Corporation, 201 Elliott Avenue West, Seattle, WA 98119 (US).

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(54) Title: COMPOSITIONS AND METHODS OF INHIBITING MASP-2 FOR THE TREATMENT OF VARIOUS THROMBOTIC DISEASES AND DISORDERS

MASP-2 mAb inhibition of MASP-2-ATIII
in plasma stimulated by fibrin

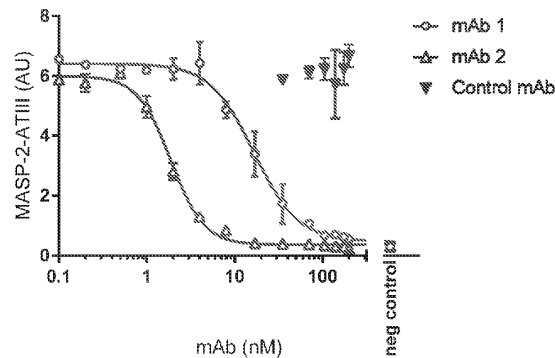


FIG. 10A

(57) Abstract: In one aspect, the invention provides compositions and methods for preventing, reducing, and/or treating a disease, disorder or condition associated with fibrin-induced activation of the complement system and the associated activation of the coagulation and/or contact systems comprising administering a therapeutic amount of a MASP-2 inhibitory antibody to a subject in need thereof. In some embodiments, the methods of the invention provide anticoagulation and/or antithrombosis and/or antithrombogenesis without affecting hemostasis. In one embodiment of this aspect of the invention, the compositions and methods are useful for treating a subject is suffering from, or at risk of developing, a disease, disorder or condition associated with complement-related inflammation, excessive coagulation or contact system activation initiated by fibrin or activated platelets.

[Continued on next page]

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