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(54) Title: LAG-3-BINDING MOLECULES AND METHODS OF USE THEREOF

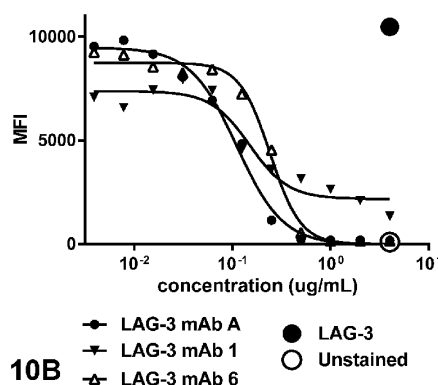


Figure 10B

(57) Abstract: The present invention is directed to the anti-LAG-3 antibodies, LAG-3 mAb 1, LAG-3 mAb 2, LAG-3 mAb 4, LAG-3 mAb 5, and LAG-3 mAb 6, and to humanized and chimeric versions of such antibodies. The invention additionally pertains to LAG-3-binding molecules that comprise LAG-3 binding fragments of such anti-LAG-3 antibodies, immunoconjugates, and to bispecific molecules, including diabodies, BiTEs, bispecific antibodies, etc., that comprise (i) such LAG-3-binding fragments, and (ii) a domain capable of binding an epitope of a molecule involved in regulating an immune check point present on the surface of an immune cells. The present invention also pertains to methods of detecting LAG-3, as well as methods of using molecules that bind LAG-3 for stimulating immune responses.