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**Hart**

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(54) **PROPHYLACTIC AND THERAPEUTIC MONOCLONAL ANTIBODIES**

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(58) **Field of Search** ..... 530/388.3, 389.4; 424/147.1, 159.1, 218.1

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(57) **ABSTRACT**

In this application are described monoclonal antibodies which recognize E3 glycoprotein of alphavirus and epitopes recognized by these monoclonal antibodies. Also provided are mixtures of antibodies of the present invention, as well as methods of using individual antibodies or mixtures thereof for the detection, prevention, and/or therapeutical treatment of alphavirus infections in vitro and in vivo.

**22 Claims, 4 Drawing Sheets**