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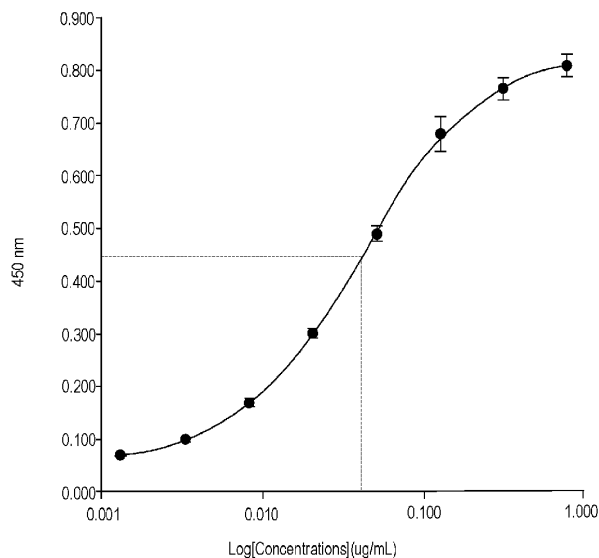


FIG. 9

(57) Abstract: An anti-human PD-1 monoclonal antibody, and preparation methods therefor are disclosed herein. The anti-human PD-1 monoclonal antibody can bind with an extracellular region of a human PD-1 protein receptor, and can seal PD-1 protein at protein level and cellular level and block the binding of the PD-1 protein, thereby enhancing immunity. The monoclonal antibody can be administered independently, jointly with other drugs as a combination, and/or administered independently or in combination in any given order to treat a subject in need.

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