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(54) Title: PD-1, A RECEPTOR FOR B7-4, AND USES THEREFOR

(57) Abstract: The invention identifies PD-1 as a receptor for B7-4. B7-4 can inhibit immune cell activation upon binding to an inhibitory receptor on an immune cell. Accordingly, the invention provides agents for modulating PD-1, B7-4, and the interaction between B7-4 and PD-1 in order to modulate a costimulatory or an inhibitory signal in an immune cell resulting in modulation of the immune response.