

## ABSTRACT

The present invention relates to the technical field of antibody drugs, and in particular to an anti-PD-1 monoclonal antibody and the use thereof. Specifically, the present invention provides an antibody or an antigen-binding fragment thereof that specifically binds to PD-1, a pharmaceutical  
5 composition comprising the antibody or the antigen-binding fragment thereof, a nucleic acid molecule encoding the antibody or the antigen-binding fragment thereof, a host cell containing the nucleic acid molecule, and the therapeutic and diagnostic use of the antibody or the antigen-binding fragment thereof.

10 FIG. 9