

Abstract

An object of the present invention is to provide a protein or peptide antigen and an antibody against it, for use in the diagnosis, prevention, or treatment of diseases associated with

5 *Pseudomonas aeruginosa*. According to the present invention, there is provided a protein or peptide derived from *Pseudomonas aeruginosa* outer membrane protein PA5158 and an antibody against it, for use in the diagnosis, prevention, or treatment of diseases associated with *Pseudomonas aeruginosa*.