【ABSTRACT】

The present invention relates to an antibody or an antigen-binding fragment thereof specifically binding to CD66c which is expressed in myeloid-derived suppressor cell (MDSC) and a use thereof, and specifically to an antibody or an antigen-binding fragment thereof specifically binding to CD66c, a pharmaceutical composition or a diagnosing composition including the same. The anti-CD66c antibody of the present invention can be used usefully for the treatment of various diseases by targeting MDSC which can induce the immunosuppression.