Abstract of the Disclosure

The present disclosure belongs to the technical field of monoclonal antibodies, and relates to a monoclonal antibody against activated protein C (aPC). Amino acid sequences of a heavy chain and a light chain of the monoclonal antibody are shown in SEQ ID NOs: 5-26, and CDR sequences are shown in SEQ ID NOs: 27-92. The present disclosure further provides a biological material related to the monoclonal antibody, and the monoclonal antibody is capable of selectively binding to aPC rather than unactivated protein C. The present disclosure further provides use of the monoclonal antibody and the related biological material in preparation of a drug for treatment of coagulation deficiency or defect disorders and a related treatment method, which have broad application prospects.