

Abstract

A novel domain of Aggrus involved in the binding to CLEC-2 was searched for, and monoclonal antibodies recognizing the domain were obtained. The newly found PLAG4 domain is important for Aggrus binding to CLEC-2. Monoclonal antibodies recognizing this region were further developed. The present invention can provide novel Aggrus-CLEC-2 binding inhibitors, platelet aggregation inhibitors, cancer metastasis inhibitors, and tumor growth inhibitors using these antibodies.