

The invention relates to antibodies that specifically bind to VLA-1 integrin, having unique hypervariable regions (CDR), to isolated sequence of nucleic acid coding thereof, vector, hybridoma cell and cell line cell, pharmaceutical composition, method for treatment of individual with immunological disorder, mediated by VLA-1, method for determination of VLA-1 level in tissues. The invention also relates to chimeric and hymanized antibody to VLA-1.