HIGH-AFFINITY AND AGGREGATIVELY STABLE ANTIBODIES ON THE BASIS OF VARIABLE DOMAINS VL AND A DERIVATIVE VHH

Abstract

The monoclonal IgG-type antibodies comprising variable domains represented by a combination of VHH-derivative with a variable domain of the light chain V_L are offered. The said antibodies can comprise amino acid substitutes at positions 44 and 45 (Kabat numbering) or combinations thereof. Antibodies of the invention possess increased affinity and improved aggregation stability.