

The present invention relates to an antibody, in particular a monoclonal antibody, capable of binding to IGF-1R, as well as the amino and nucleic acid sequences coding for said antibody. From one aspect, the invention relates to an antibody, or an antigen binding fragment thereof, capable of binding to IGF-1R and, by inducing internalization of IGF-1R, being internalized into the cell. The invention also comprises the use of said antibody as an addressing product or vehicle in conjugation with other anti-cancer compounds such as toxins, radio-elements or drugs, and the use of same for the treatment of certain cancers.