

The invention relates to separated antibody or fragment of antibody that are specifically bound to fragment of polypeptide RG1. Also the invention relates to immunoconjugate that includes separated antibody or fragment of antibody that are specifically bound to fragment of polypeptide RG1. Besides, the invention relates to the method for selective destruction of cell that expresses polypeptide, to the method for prostate cancer providing injection to the patient of therapeutically effective quantity of immunoconjugate, methods of diagnostics of prostate cancer and its metastases in patient using the superexpression RG1 metering. Also the method relates to application of antibody and immunoconjugate as therapeutic agent.