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(54) Title: METHODS FOR IDENTIFYING TUMORS THAT ARE RESPONSIVE TO TREATMENT WITH ANTI-ErbB2 ANTIBODIES

(57) Abstract: Tumors are identified as responsive to treatment with anti-HER2 antibodies by detecting the presence of a HER2/HER3 and/or HER2/HER1 protein complex or for HER2 phosphorylation in a sample of tumor cells. Patients suffering from a tumor comprising HER/2/HER1 and/or HER2/HER3 heterodimers and/or HER2 phosphorylation are treated with anti-HER2 antibodies, such as rhuMAb 2C4.

WO 2004/008099 A3