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Anti-EGFR Monoclonal Antibody SCT200

National Cancer Institute

Source

National Cancer Institute. *Anti-EGFR Monoclonal Antibody SCT200*. NCI Thesaurus. Code C117726.

A recombinant monoclonal antibody against human epidermal growth factor receptor (EGFR) with potential antineoplastic activity. Upon administration, anti-EGFR monoclonal antibody SCT 200 targets EGFR, prevents the activation and subsequent dimerization of this receptor and inhibits both EGFR-mediated signal transduction and cellular proliferation of EGFR-expressing tumor cells. In addition, SCT 200 may induce antibody-dependent cell-mediated cytotoxicity (ADCC) against EGFR-expressing tumor cells. EGFR, a member of the epidermal growth factor receptor family, is overexpressed on the cell surfaces of various solid tumors.