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Anti-EGFR Monoclonal Antibody CPGJ 602

National Cancer Institute

Source

National Cancer Institute. *Anti-EGFR Monoclonal Antibody CPGJ 602*. NCI Thesaurus. Code C155876.

A recombinant, human-mouse chimeric monoclonal antibody directed against the epidermal growth factor receptor (EGFR) with potential antineoplastic activity. Upon intravenous administration, anti-EGFR monoclonal antibody CPGJ 602 targets and binds to EGFR, which prevents receptor dimerization and activation. This leads to an inhibition of EGFR-dependent downstream pathways and EGFR-dependent tumor cell proliferation and metastasis. EGFR, a receptor tyrosine kinase, may be overexpressed on the surfaces of various tumor cell types.