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Anti-FGFR2 Antibody BAY1179470

National Cancer Institute

Source

National Cancer Institute. *Anti-FGFR2 Antibody BAY1179470*. NCI Thesaurus. Code C107683.

An antibody against the fibroblast growth factor receptor type 2 (FGFR2), with potential antineoplastic activity. Upon administration, the anti-FGFR2 antibody BAY1179470 binds to and inhibits FGFR2, which may result in the inhibition of both FGFR2 phosphorylation and FGFR2-mediated signal transduction pathways. This results in the inhibition of cell proliferation and the induction of cell death of FGFR2-expressing tumor cells. FGFR2, upregulated in many tumor cell types, is a receptor tyrosine kinase, which is essential to tumor cellular proliferation, differentiation and survival.