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# Tanibirumab

National Cancer Institute

## Source

National Cancer Institute. *Tanibirumab*. NCI Thesaurus. Code C102877.

A fully human monoclonal antibody targeting the vascular endothelial growth factor receptor 2 (VEGFR2), with potential antiangiogenic activity. Upon administration, tanibirumab specifically binds to VEGFR2, thereby preventing the binding of its ligand VEGF. This may result in the inhibition of tumor angiogenesis and a decrease in tumor nutrient supply. VEGFR2 is a pro-angiogenic growth factor receptor tyrosine kinase expressed by endothelial cells, while VEGF is overexpressed in many tumors and is correlated to tumor progression.