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Anti-Met Monoclonal Antibody Mixture Sym015

National Cancer Institute

Source

National Cancer Institute. *Anti-Met Monoclonal Antibody Mixture Sym015*. NCI Thesaurus. Code C127906.

A mixture of two humanized immunoglobulin G1 (IgG1) monoclonal antibodies, Hu9006 and Hu9338, which recognize non-overlapping epitopes in the extracellular domain of the human hepatocyte growth factor receptor (MET ; HGFR; c-Met), with potential antineoplastic activity. Upon administration, anti-MET monoclonal antibody mixture Sym015 targets and binds to the extracellular domain of MET , thereby preventing the binding of its ligand, hepatocyte growth factor (HGF). This may prevent activation of the receptor and MET-mediated signal transduction pathways. This inhibits MET-dependent tumor cell proliferation. MET , a receptor tyrosine kinase, is overexpressed on the cell surfaces of various solid tumor cell types; it plays a key role in cancer cell growth, survival, angiogenesis, invasion, and metastasis.