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Iodine I 131 Monoclonal Antibody F16SIP

National Cancer Institute

Source

National Cancer Institute. *Iodine I 131 Monoclonal Antibody F16SIP*. NCI Thesaurus. Code C95025.

A fully human monoclonal antibody (MoAb) against human A1 domain of tenascin-C, in small immunoprotein (SIP) format conjugated with iodine 131 with potential antineoplastic activity. Iodine I 131 MoAb F16SIP binds to tenascin-C on the vascular tissues and delivers cytotoxic radiation to the tumors, thereby minimizing systemic radiotoxicity. Tenascin-C is a glycoprotein of the extracellular matrix, and the large isoform of this matrix protein is expressed and restricted around vascular structures in the tumor stroma of a variety of different tumors.