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Monoclonal Antibody A1G4 Anti-Idiotypic Vaccine

National Cancer Institute

Source

National Cancer Institute. *Monoclonal Antibody A1G4 Anti-Idiotypic Vaccine*. NCI Thesaurus. Code C2436.

An anti-idiotypic (anti-Id) rat monoclonal antibody (MoAb) that mimics the disialoganglioside GD2, a cancer-associated antigen present on melanoma, small cell lung cancer, sarcoma, neuroblastoma, and other malignancies. GD2 is a highly expressed glycosphingolipid by melanoma and other neuroectodermal tumors with only minimal expression on normal tissues. Vaccination with anti-Id A1G4 MoAb may elicit cellular and humoral immune responses against GD2 expression tumor cells.