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Fluorescent Antibody SGM-101

National Cancer Institute

Source

National Cancer Institute. *Fluorescent Antibody SGM-101*. NCI Thesaurus. Code C128890.

A near infrared-emitting fluorochrome-labeled anti-carcinoembryonic antigen (ACE; anti-CEA) monoclonal antibody, with potential diagnostic imaging activity. Upon administration, the fluorescent antibody SGM-101 binds CEA-overexpressing cancer cells. Upon fluorescence imaging, the fluorochrome can be visualized and CEA-overexpressing cancer cell can be imaged and detected. CEA, a tumor-associated antigen (TAA), is overexpressed on the surface of tumor cells.