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# Iodine I 125-Anti-EGFR-425 Monoclonal Antibody

National Cancer Institute

## Source

National Cancer Institute. *Iodine I 125-Anti-EGFR-425 Monoclonal Antibody*. NCI Thesaurus. Code C74051.

A radioimmunoconjugate consisting of a murine IgG2a monoclonal antibody directed against the human epidermal growth factor receptor (EGFR) labeled with iodine I 125 with potential antineoplastic activity. Iodine I 125 anti-EGFR-425 monoclonal antibody binds specifically to the epidermal growth factor receptor (EGFR). Upon binding to EGFR-expressing tumor cells, this agent is internalized, selectively delivering a potentially cytotoxic dose of gamma radiation. EGFR is a receptor tyrosine kinase that may be overexpressed on the cell surfaces of various solid tumors.