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Anti-prolactin Receptor Antibody LFA102

National Cancer Institute

Source

National Cancer Institute. *Anti-prolactin Receptor Antibody LFA102*. NCI Thesaurus. Code C96744.

A neutralizing antibody against the prolactin receptor (PRLR) with potential antineoplastic activity. Upon administration, anti-prolactin receptor antibody LFA102 binds to PRLR and prevents the binding of the peptide hormone prolactin (PRL) to its receptor. This binding induces an antibody-dependent cellular cytotoxicity (ADCC) and may eventually prevent tumor cell proliferation in PRLR-positive cancer cells. PRLR/PRL signaling pathway is frequently overexpressed in breast and prostate cancer.