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Anti-CSF1R Monoclonal Antibody IMC-CS4

National Cancer Institute

Source

National Cancer Institute. *Anti-CSF1R Monoclonal Antibody IMC-CS4*. NCI Thesaurus. Code C96801.

A monoclonal antibody directed against colony stimulating factor 1 receptor (CSF1R) with potential antineoplastic activity. CSF1R monoclonal antibody IMC-CS4 binds to CSF1R which may trigger antitumoral antibody-dependent cell-mediated cytotoxicity (ADCC) in tumor cells overexpressing CSF1R. CSF1R, also known as macrophage colony-stimulating factor receptor (M-CSFR) and CD115 (Cluster of Differentiation 115), is a cell-surface receptor for its ligand colony stimulating factor 1 (CSF1); this receptor is overexpressed or mutated in certain tumor cell types and plays major roles in tumor cell proliferation and metastasis.