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# Anti-CD20 Monoclonal Antibody PRO131921

National Cancer Institute

## Source

National Cancer Institute. *Anti-CD20 Monoclonal Antibody PRO131921*. NCI Thesaurus. Code C90590.

A third-generation, humanized monoclonal antibody directed against human CD20 with potential antineoplastic activity. Anti-CD20 monoclonal antibody PRO131921 specifically binds to the B cell-specific cell surface antigen CD20. This may result in the induction of a B cell-directed complement dependent cytotoxicity (CDC) and antibody-dependent cell-mediated cytotoxicity (ADCC) against CD20-expressing B cells leading to B cell apoptosis. CD20 is a non-glycosylated cell surface phosphoprotein which is exclusively expressed on B cells during most stages of B cell development and which is often overexpressed in B-cell malignancies.