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CD20-targeted Polypeptide TRU-015

National Cancer Institute

Source

National Cancer Institute. *CD20-targeted Polypeptide TRU-015*. NCI Thesaurus. Code C70797.

A proprietary antibody-based single-chain polypeptide with B cell-depleting activity. Significantly smaller than a whole antibody, CD20-targeted polypeptide TRU-015 binds specifically to the B cell-specific cell surface antigen CD20 with full immunoglobulin Fv fragment-type target binding activity and full immunoglobulin Fc fragment-type effector function. This agent transiently depletes CD20-bearing B cells by inducing B cell-directed complement dependent cytotoxicity (CDC) and antibody-dependent cell-mediated cytotoxicity (ADCC) and B cell apoptosis.