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Anti-CD3/CD20 Bispecific Antibody GEN3013

National Cancer Institute

Source

National Cancer Institute. *Anti-CD3/CD20 Bispecific Antibody GEN3013*. NCI Thesaurus. Code C163022.

A bispecific monoclonal antibody, with potential immunomodulating and antineoplastic activities. Anti-CD20/CD3 monoclonal antibody GEN3013 contains two antigen-recognition sites: one for human CD3, a T-cell surface antigen, and one for human CD20, a tumor-associated antigen (TAA) that is exclusively expressed on B-cells during most stages of B-cell development and is often overexpressed in B-cell malignancies. Upon administration, GEN3013 binds to both T-cells and CD20-expressing B-lineage tumor cells. The resulting cross-linkage may trigger a potent cytotoxic T-lymphocyte (CTL) response against the CD20-expressing tumor B-cells.