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BL22 Immunotoxin

National Cancer Institute

Source

National Cancer Institute. *BL22 Immunotoxin*. NCI Thesaurus. Code C1842.

A recombinant immunotoxin consisting of the Fv portion of the anti-CD22 antibody RFB4 fused to a fragment of *Pseudomonas* exotoxin-A with potential antineoplastic activity. BL22 immunotoxin binds to CD22, an antigen expressed in B-cell malignancies, thereby delivering its toxin directly to tumor cells. The toxin moiety induces caspase-mediated apoptosis of tumor cells via a mechanism involving mitochondrial damage; it also blocks translational elongation via binding to elongation factor-2 in eukaryotic cells.