

[Open Peer Review on Qeios](#)

Lexatumumab

National Cancer Institute

Source

National Cancer Institute. *Lexatumumab*. NCI Thesaurus. Code C64621.

A fully human monoclonal agonistic antibody directed against tumor necrosis factor-alpha (TNF-alpha)-related apoptosis-inducing ligand receptor-2 (TRAIL-R2) with potential antitumor activity. Mimicking the natural ligand TRAIL, lexatumumab binds to and activates TRAIL-R2, which may trigger apoptosis in and inhibit the growth of TRAIL-R2-expressing tumor cells. TRAIL-R2, also known as death receptor 5 (DR5), is a member of the TNF receptor family and is expressed on many malignant cell types.