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# Anti-myostatin Monoclonal Antibody LY2495655

National Cancer Institute

## Source

National Cancer Institute. *Anti-myostatin Monoclonal Antibody LY2495655*. NCI Thesaurus. Code C99640.

A monoclonal antibody against myostatin (MSTN) with potential anti-cachexia activity. Upon administration, anti-myostatin monoclonal antibody LY2495655 binds to and neutralizes the MSTN protein, thereby blocking the MSTN signalling pathway. This may help decrease muscle protein breakdown and muscle weakness and may attenuate cancer cachexia. MSTN, a member of the transforming growth factor-beta (TGF-beta) superfamily, is a negative regulator of muscle growth and development.