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# Survivin Sur1M2 Peptide Vaccine

National Cancer Institute

## Source

National Cancer Institute. *Survivin Sur1M2 Peptide Vaccine*. NCI Thesaurus. Code C71741.

A modified recombinant nonapeptide (LMLGEFLKL) derived from the anti-apoptosis protein survivin with potential immunopotentiating and antineoplastic activities. Upon administration, survivin Sur1M2 peptide vaccine may elicit humoral and cellular immune responses against survivin-expressing cancers, resulting in decreased tumor cell proliferation and tumor cell death. The survivin protein inhibits caspase activation and apoptosis; it is undetectable in normal adult tissues but is expressed by several human cancers including lung, colon, breast, pancreas, and prostate cancer as well as hematopoietic malignancies and skin cancers.