Monoclonal Microbial EDP1503

National Cancer Institute

Source

An orally available preparation derived from a single clone of Bifidobacterium spp. with potential immunomodulatory and antineoplastic activities. Upon oral administration, monoclonal microbial EDP1503 colonizes the gut and may, through a not yet fully elucidated mechanism, promote the activation of dendritic cells (DCs), and enhance the induction and infiltration of cytotoxic T-lymphocytes (CTLs) in the tumor microenvironment (TME). Bifidobacterium is a genus of anaerobic, Gram-positive bacteria, with some species being a commensal part of the human gastrointestinal tract and vaginal flora.