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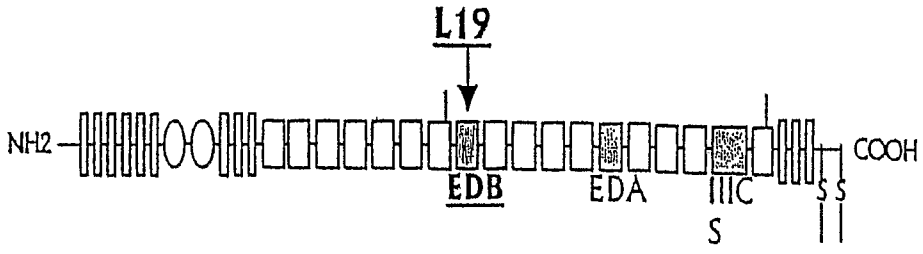
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(54) Title: TARGETING OF TUMOR VASCULATURE USING RADIOLABELLED ANTIBODY L19 AGAINST FIBRONECTIN ED-B



(57) Abstract: A specific binding member that binds human ED-B, wherein the specific binding member is labelled with an isotope selected from the group consisting of 76Br, 77Br, 123I, 124I, 131I and 211At and comprises an antigen-binding site that comprises an antibody VH domain and an antibody VL domain, wherein the antibody VH domain is selected from the group consisting of the L19 VH domain, and a VH domain comprising a VH CDR1, a VH CDR2 and a VH CDR3, wherein the VH CDR3 is the L19 VH CDR3 of SEQ ID NO. 3, the VH CDR1 is optionally L19 VH CDR1 of SEQ ID NO. 1, and the VH CDR2 is optionally L19 VH CDR2 of SEQ ID NO. 2; and wherein the antibody VL domain is optionally selected from the group consisting of the L19 VL domain, and a VL domain comprising a VL CDR1, a VL CDR2 and a VL CDR3, wherein the VL CDR3 is the L19 VL CDR3 of SEQ ID NO. 6, the VL CDR1 is optionally L19 VL CDR1 of SEQ ID NO. 4, and the VL CDR2 is optionally L19 VL CDR2 of SEQ ID NO. 5; the L19 VH domain and L19 VL domain sequences being disclosed in Pini et al. (1998) J. Biol. Chem. 273: 21769-21776; wherein the specific binding member comprises a mini-immunoglobulin comprising said antibody VH domain and antibody VL domain fused to eS2-CH4 and dimerized or comprises a whole IgG1 antibody molecule; also methods and uses employing such a specific binding member.

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