

**Immunohistochemistry with a cryo section of a
fresh human umbilical cord using
anti-human VEGFR-2 Clone 4
(#101-M34)**

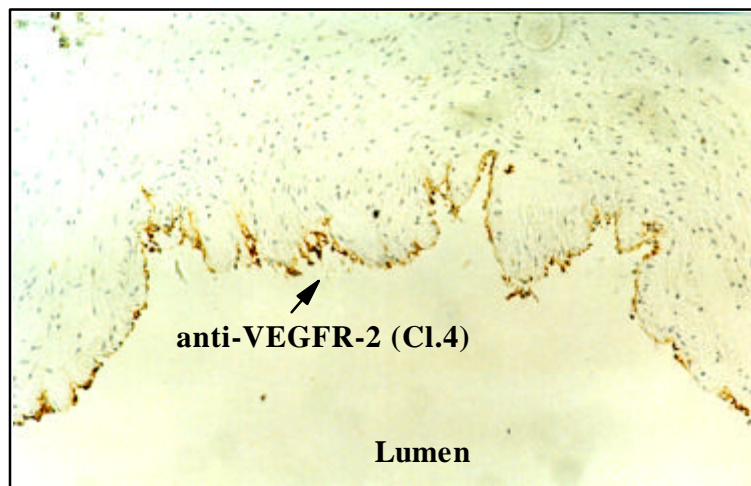
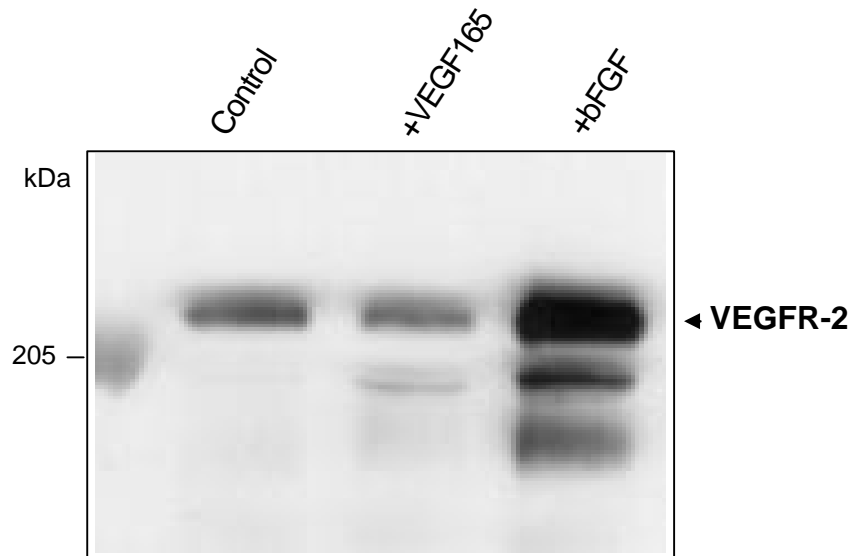


Fig. 4: Up-regulation of VEGFR-2 in vein ECs of an intact human umbilical cord by bFGF. A fresh human umbilical cord was rinsed with PBS to remove residual blood cells, cut in small pieces (about 0.5 cm), incubated in EBM (1% FCS) and stimulated with or without 20 ng/ml bFGF for 24 h. Pieces were frozen in liquid nitrogen and used for immunohistochemistry using the mab anti-human VEGFR-2/Cl.4 (#101-M34) as detection antibody.

(Bernhard Barleon et al., unpublished data!)

Immunoprecipitation and subsequent Western blotting with HUVEC total lysate using monoclonal antibodies against human VEGFR-2/KDR



Up-regulation of VEGFR-2 in primary HUVECs by bFGF. Freshly isolated HUVECs (passage 1) were cultured in EBM. Subconfluent cultures were stimulated with VEGF (5 ng/ml) or bFGF (10 ng/ml) for 3 days. Total lysate was prepared and subjected to immunoprecipitation (anti-human VEGFR-2 (Cl.3) [#101-M32] followed by Western blotting (anti-human VEGFR-2 (Cl.4) [#101-M34]).

(Bernhard Barleon et.al., unpublished data!)