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ENG (C) Antibody, Rabbit Polyclonal

Cat#: R1099-2

Quantity: 100 ul

Predicted M.W.: 70.5 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P17813

Background:

Endoglin (ENG) is a homodimeric transmembrane protein, which is a major glycoprotein of the vascular endothelium and may play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors. ENG is a component of the transforming growth factor beta (TGF β) receptor complex and it binds TGFB1 and TGFB3 with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia.

Other Names:

Endoglin, CD105, END

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human ENG. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:500-1:1,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

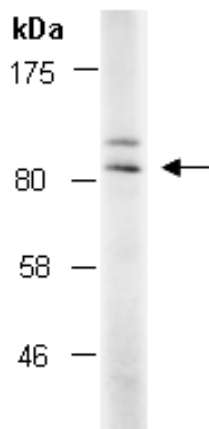


Fig 1. Western blot of total cell extracts from human MCF7, using Ab (R1099-2) at RT for 2 h.