

11-7552: Polyclonal Antibody to Endoglin

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| Clonality : | Polyclonal |
| Application : | WB |
| Reactivity : | Human |
| Gene : | ENG |
| Gene ID : | 2022 |
| Uniprot ID : | P17813 |
| Format : | Purified |
| Alternative Name : | ENG,END |
| Isotype : | Rabbit IgG |
| Immunogen Information : | A partial length recombinant Endoglin protein (amino acids 43-287) was used as the immunogen for this antibody. |

Description

ENG (Endoglin) is an integral membrane glycoprotein that serves as a co receptor for members of the transforming growth factor-beta superfamily of proteins. It is a type I membrane glycoprotein expressed as a disulfide-linked homodimer on human vascular endothelial cells and is implicated in a dominant vascular dysplasia known as hereditary hemorrhagic telangiectasia as well as in preeclampsia. Endoglin suppresses human prostate cancer (PCa) cell invasion. It has been identified as a candidate tumor-suppressor gene in esophageal squamous cell carcinoma (ESCC).

Product Info

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| Amount : | 25 µg / 100 µg |
| Purification : | Protein A Chromatography |
| Content : | 25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Western blot analysis: 2-4 µg/ml

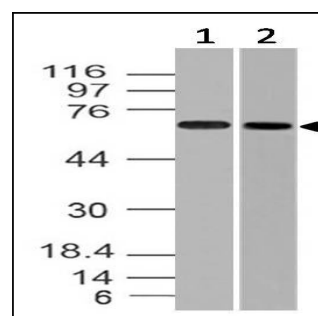


Fig-1: Expression analysis of Endoglin. Anti-Endoglin antibody (11-7552) was used at 2 µg/ml on (1) PANC-28 and (2) HCT-116 lysates.