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## 10-7570: Monoclonal Antibody to Endoglin (Clone: ABM46D3)

Clonality: Monoclonal Clone Name: ABM46D3 Application: WB Reactivity: Human Gene: **ENG** Gene ID: 2022 **Uniprot ID:** P17813 Format: Purified **Alternative Name:** ENG, END

**Isotype:** Mouse IgG1 Kappa

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**

**Amount :**  $25 \mu g / 100 \mu g$ 

**Purification:** Protein G 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: 4-6  $\mu g/ml$ 

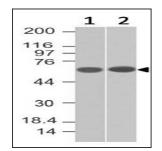


Fig-1: Western blot analysis of Endoglin. Anti-Endoglin antibody (Clone: ABM46D3) was tested at 4  $\mu$ g/ml on (1) PANC-1 and (2) THP1 lysates.