

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 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 μg / 100 μg

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:

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 µg/ml

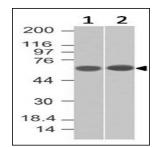


Fig-1: Western blot analysis of Endoglin. Anti-Endoglin antibody (Clone: ABM46D3) was tested at 4  $\mu$ g/ml on (1) PANC-1 and (2) THP1 lysates.