

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 :	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

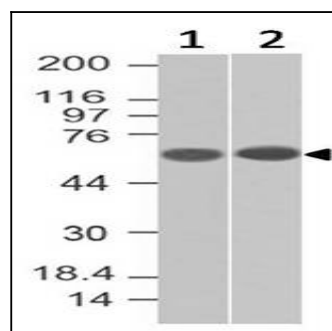


Fig-1: Western blot analysis of Endoglin. Anti-Endoglin antibody (Clone: ABM46D3) was tested at 4 µg/ml on (1) PANC-1 and (2) THP1 lysates.