



# Antagonistic antibody of human endoglin

## ORDERING INFORMATION

<b>Catalog No:</b>	mT1001m-h
<b>Size:</b>	200 µg
<b>Storage:</b>	-70° C
<b>Immunogen:</b>	human endoglin extra-cellular domain
<b>Ig Type:</b>	mouse IgG 1
<b>Clone:</b>	7D11
<b>Applications:</b>	blocking TGFβ1-induced endoglin phosphorylation

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with purified human extracellular domain of endoglin. The IgG fraction of the culture supernatant was purified by Protein G affinity chromatography.

**Formulation and storage:** The antibody was purified from tissue culture supernatant by affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). The antibody is stable for twelve months when stored at -20° C to -70° C.

**Specificity:** This antibody recognizes human endoglin in western blot.

### Applications:

1. **Blocking TGFβ1 induced threonine/serine phosphorylation of endoglin**
2. **Western blotting: Yes**

TGFβ1	-	+	-	+	(20ng/ml)
mT1003m-h	-	-	+	+	(10µg/ml)
hEndoglin					90kDa

**mT1003m-h blocks TGFβ1 induced Endoglin phosphorylation:** Confluent HUVECs, pre-incubated with or without 10 µg/ml anti-Endoglin (mT1003m-h) for 10min, were stimulated with TGFβ1 (20ng/ml) for 30mins. The phospho-endoglin was detected by IP with Endoglin and blotting for p-threonine/serine.