

Antagonistic antibody of human endoglin

ORDERING INFORMATION

Catalog No: mT1001m-h Size: $200 \mu g$ Storage: -70° C

Immunogen: human endoglin extra-cellular domain

Ig Type: mouse IgG 1

Clone: 7D11

Applications: blocking TGFβ1-induced endoglin

phosphorylation

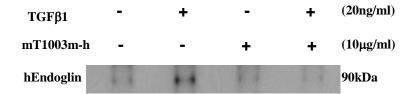
Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with purified human extracellular domain of endoglin. The IgG fraction of the culture supernatant was purified by Protein G affinity chromatography.

Formulation and storage: The antibody was purified from tissue culture supernatant by affinity chromatography and lyophilized from a 0.2 μ m 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



mT1003m-h blocks TGF β 1 induced Endoglin phosphorylation: Confluent HUVECs, pre-incubated with or without 10 µg/ml anti-Endoglin (mT1003m-h) for 10min, were stimulated with TGF β 1 (20ng/ml) for 30mins. The phosphoendoglin was detected by IP with Endoglin and blotting for p-threonine/serine.