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Antagonistic Antibody of human Endoglin

Description: 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 IgG₁ fraction of the culture supernatant was purified by Protein G affinity chromatography.

Host species	Mouse
Antigen:	Human Endoglin, extracellular domain
Purification:	Affinity chromatography
Stabilizer:	none
Formulation:	lyophilized

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 TGF beta1 induced threonine/serine phosphorylation of endoglin
2. Western blotting: Yes

Optimal dilutions should be determined by each laboratory for each application.

TGF-beta 1	-	+	-	+	(20ng/ml)
mT1003m-h	-	-	+	+	(10µg/ml)

hEndoglin,  90kDa

mT1003m-h blocks TGF beta1 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 phospho-endoglin was detected by IP with Endoglin and blotting for p-threonine/serine.

Usage: Anti-mouse Endoglin is offered for research use. Not for drug use. **Not for human use!**

Catalogue number: mT1001m-h

Size: 200 µg