

## Mouse Monoclonal Antibody to CD105

<b>Catalogue Number</b>	sAP-0571
<b>Target Molecule</b>	<b>Name: CD105</b> <b>Aliases:</b> ENG; END; ORW; HHT1; ORW1; CD105; FLJ41744 <b>MW: 71kDa</b> <b>Entrez Gene ID: 2022</b>
<b>Description</b>	This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds TGFB1 and TGFB3 with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia.
<b>Immunogen</b>	Purified recombinant fragment of human CD105 expressed in E. Coli. ;
<b>Recitative Species</b>	Human
<b>Clone</b>	MM3A9;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Int J Cancer. 2009 Feb 1;124(3):664-9. ; 2. Reprod Sci. 2008 Dec;15(10):1018-26.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**