

## Anti-Human CD105/Endoglin Clone MJ7/18, Monoclonal Antibody

<b>Catalog No.</b>	CMC401	<b>Quantity:</b>	100 µg
<b>Clone:</b>	MJ7/18		
<b>Synonyms:</b>	CD105 antigen antibody, END antibody, Endoglin precursor antibody, HHT1 antibody, ORW antibody, ORW1 antibody.		
<b>Description:</b>	The MJ7/18 monoclonal antibody reacts with the mouse CD105 molecule, also known as Endoglin. This 90 kDa disulfide-linked homodimer is expressed by vascular endothelial cells. It is suggested that CD105 functions in adhesion and embryonic angiogenesis. The rat antibody was purified from cell culture supernatant by Protein G chromatography.		
<b>Host Species:</b>	Rat		
<b>Antigen:</b>	Inflamed mouse skin		
<b>Purification:</b>	Protein G chromatography		
<b>Stabilizer:</b>	none		
<b>Buffer:</b>	PBS pH 7.4 w/o preservative		
<b>Formulation:</b>	Lyophilized rat IgG <sub>2a</sub>		
<b>Reconstitution:</b>	The lyophilized IgG is stable at 4°C. for at least one month and for more than a year when kept at -20°C. When reconstituted in sterile water to a concentration of >0.5 mg/ml the antibody is stable for at least six weeks at 2-4°C in the presence of a preservative. Reconstituted antibody can also be aliquotted and stored at -20°C to -70°C for at least 6 months without detectable loss of activity. Avoid repeated freeze-thaw cycles.		
<b>Applications:</b>	<b>Western Analysis:</b> Use at a concentration of 1-2 µg/ml with the appropriate secondary reagents. <b>Immunoprecipitation:</b> Use at a concentration of 1-2 µg with the appropriate secondary reagents. FACS analysis: Use at 3-20 µg/ml together with the appropriate secondary reagents <b>Immunohistochemistry:</b> It was reported for use of staining of frozen sections. Optimal dilutions should be determined by each laboratory for each application.		
<b>References:</b>	Search <a href="#">PubMed</a> (MEDLINE) for references to this product.		

**Please note: always centrifuge vials before opening.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



**Cell Sciences, Inc.**  
480 Neponset Street  
Bldg 12A  
Canton, MA 02021

Toll Free: 888-769-1246  
Phone: 781-828-0610  
Fax: 781-828-0542

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Web site: [www.cellsciences.com](http://www.cellsciences.com)