

Anti-mouse CD105/Endoglin (MJ7/18)

Description: 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.

Host species	Rat
Antigen:	Inflamed mouse skin
Purification:	Protein G chromatography
Stabilizer:	none
Buffer:	PBS pH 7.4 w/o preservative
Formulation:	lyophilized rat IgG2a

Reconstitution: 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 aliquoted and stored at -20°C to -70°C for at least 6 months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Applications

Western Analysis: Use at a concentration of 1-2 µg/ml with the appropriate secondary reagents.

Immuoprecipitation: 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

Immunohistochemistry: It was reported for use of staining of frozen sections.

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

Usage: Anti-mouse CD105/Endoglin is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 103-M60	Size: 100 µg
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Literature: [Ge, AZ and Butcher EC, Gene 138:201-206, 1994]

**** please note : always centrifuge vials before opening ****