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Biotinylated 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 and then biotinylated using a standard protocol.

Host species	Rat
Antigen:	Inflamed mouse skin
Purification:	Protein G chromatography
Stabilizer:	BSA (50X)
Buffer:	0.1M Tris-Cl, 0.2M NaCl, 0.02% NaN ₃ , pH 7.4
Formulation:	lyophilized

Reconstitution: The biotinylated antibody should be reconstituted to a concentration of 50 µg/ml with sterile PBS solution containing 0.1% BSA. This solution can be stored at 4°C for at least one month without detectable loss of activity. Frozen aliquots of this solution are stable for at least 6 months when kept at -20°C. **Avoid more than one freeze-thaw cycle.**

Specificity: The unconjugated antibody can be used for ELISA experiments, Western blotting, immunoprecipitation, FACS and cell sorting.

Applications

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

Immunoprecipitation: 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-MBi60

Size: 50 µg

Literature: [Ge, AZ and Butcher EC, Gene 138:201-206, 1994]

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