

Rat Anti-mouse ENG/Endoglin/CD105, Clone MJ7/18 Biotinylated mAb

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| Catalog No. | CME112 | Quantity: | 50 µg |
| Alternate Names: | E9 protein, Edg, END, HHT1, MEM-226, ORW, ORW1, S-endoglin, SH-2 | | |
| 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. | | |
| Gene ID: | 13805 | | |
| Specificity: | Recognizes mouse CD105 | | |
| Host: | Rat | | |
| Immunogen: | Murine stromal cell line | | |
| Isotype: | IgG2a | | |
| Clone: | MJ7/18 | | |
| Conjugate: | Biotin | | |
| Formulation: | Lyophilized in a buffer of 0.1 M Tris-Cl + 0.2 M NaCl + 0.02% NaN ₃ , pH 7.4, with BSA | | |
| Purification: | Protein G chromatography | | |
| Reconstitution: | Centrifuge vial prior to opening. Add sterile PBS solution containing 0.1% BSA to the vial to fully solubilize the antibody to a concentration of 50 µg/ml. | | |
| Applications: | <p>Western Blot: Use at a concentration of 1-2 µg/ml with the appropriate secondary reagents.</p> <p>Immunoprecipitation: Use at a concentration of 1-2 µg with the appropriate secondary reagents.</p> <p>Immunohistochemistry: Reported for use of staining of frozen sections.</p> <p>FACS analysis: Use at 3-20 µg/ml together with the appropriate secondary reagents.</p> <p>The optimal concentration should be determined by the user for each specific application.</p> | | |
| Storage & Stability: | Reconstituted antibody is stable for at least one month at 2-4°C or in working aliquots at -20°C for at least six months. Avoid repeated freeze-thaw cycles. | | |

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