

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

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:	Western Blot: 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. Immunohistochemistry: Reported for use of staining of frozen sections. FACS analysis: Use at 3-20 µg/ml together with the appropriate secondary reagents. The optimal concentration should be determined by the user for each specific application.		
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.		

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

