# GENERAL INFORMATION

**Immunogen:** Recombinant Human CD105 protein (Catalog#10149-H08H)  
**Reagents:** FITC-conjugated Mouse monoclonal antibody  
**Preparation:** This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human Endoglin / CD105 (rh CD105; Catalog#10149-H08H; Met 1-Gly 586; NP_001108225.1). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography and conjugated with FITC under optimum conditions, the unreacted FITC was removed.  
**Ig Type:** Mouse IgG2b  
**Clone ID:** 4A3G3D3  
**Specificity:** Human Endoglin / CD105 / ENG  
**Concentration:** 10 μl/Test, 0.1 mg/ml  
**Formulation:** Aqueous solution containing 0.5% BSA and 0.09% sodium azide  
**Storage:** This antibody is stable for 12 months from date of receipt when stored at 2°C-8°C. Protected from prolonged exposure to light. Do not freeze! Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.

# APPLICATIONS

**Applications:** FCM

# RECOMMENDED CONCENTRATION

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*
Flow cytometric analysis of CD105 expression on human HUVEC cells. HUVEC cells (Human umbilical vein endothelial cells) were stained with FITC Mouse anti-Human CD105 antibody (solid line fluorescence histogram) or a negative control at a matching concentration; dashed line histogram) antibody. Flow cytometric fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable cells.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system. Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.

Flow cytometric analysis of CD105 expression on human HeLa cells. HeLa cells were stained with FITC Mouse anti-Human CD105 antibody (solid line fluorescence histogram) or a negative control at a matching concentration; dashed line histogram) antibody. Flow cytometric fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable cells.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system. Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.