

**ENG**

## Mouse Anti-Human Endoglin/CD105 Clone MEM-226 FITC mAb

<b>Catalog No.</b>	MON2070F	<b>Quantity:</b>	100 tests
<b>Alternate Names:</b>	CD105, END, FLJ41744, HHT1, ORW, ORW1, CD105 antigen		
<b>Description:</b>	CD105 (Endoglin) is a homodimeric transmembrane glycoprotein serving in presence of TGFbetaR-2 as a receptor for TGFbeta-1 and TGFbeta-3. CD105 is highly expressed on endothelial cells and promotes angiogenesis during wound healing, infarcts and in a wide range of tumors and its gene expression is stimulated by hypoxia. CD105 prevents apoptosis in hypoxic endothelial cells and also antagonises the inhibitory effects of TGFbeta-1 on vascular endothelial cell growth and migration. Normal cellular levels of CD105 are required for formation of new blood vessels.		
<b>Gene ID:</b>	2022		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG2a		
<b>Clone:</b>	MEM-226		
<b>Formulation:</b>	<p>The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use. No reconstitution is necessary.</p> <p>Storage Buffer: PBS containing BSA and 15 mM sodium azide (pH 7.4). <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.</p> <p>Suitable for 100 tests</p>		
<b>Applications:</b>	The reagent is designed for Flow Cytometry analysis of human blood cells using 20 µl reagent / 100 µl sample.		
<b>Storage &amp; Stability:</b>	Store undiluted antibody at 2-8° for 12 months. Do not freeze. Avoid prolonged exposure to light.		

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



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