

ENG

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

Catalog No. MON2070 **Quantity:** 100 µg

Alternate Names: CD105, END, FLJ41744, HHT1, ORW, ORW1, CD105 antigen

Description: 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.

Gene ID: 2022

Host: Mouse

Isotype: IgG2a

Clone: MEM-226

Formulation: Storage Buffer: PBS containing BSA and 15 mM sodium azide (pH 7.4). **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.
Suitable for 100 tests

Applications: The reagent is designed for Flow Cytometry analysis of human blood cells using 20 µl reagent / 100 µl sample.

Storage & Stability: 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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