



Product Datasheet
Porcine CD105 monoclonal antibody
Catalogue Code: AGIM0301

Antibody Data

Product SKU:	AGIM0301	Clone	MEM-229
Applications:	FC	Conjugate	Unconjugated
Reactivity:	Porcine		

Immunogen Information:

Host Species: Mouse

Isotype: IgG2a

Storage: Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

Background:

CD105 (Endoglin) is a homodimeric transmembrane glycoprotein serving in presence of TGFOIR2 as a receptor for TGFOI-1 and TGFOI-3. CD105 is highly expressed on endothelial cells and promotes angiogenesis during wound healing, infarcts and in a wide range of tumours and its gene expression is stimulated by hypoxia. CD105 prevents apoptosis in hypoxic endothelial cells and also antagonises the inhibitory effects of TGFOI-1 on vascular endothelial cell growth and migration. Normal cellular levels of CD105 are required for formation of new blood vessels.