

Mouse anti-CD105, clone MEM-226 (Monoclonal)

Clone no. MEM-226

MONOSAN

Product name	Mouse anti-CD105, clone MEM-226 (Monoclonal)
Host	Mouse
Applications	FC , IP, WB
Species reactivity	Rat, Human
Conjugate	-
Immunogen	Recombinant <i>Vaccinia</i> virus containing the human CD105 cDNA.
Isotype	IgG2a
Clonality	Monoclonal
Clone number	MEM-226
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

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 tumours 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.

References

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2. -
3. -
4. -
5. -

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