

Monoclonal Antibody to CD105 / Endoglin - Purified

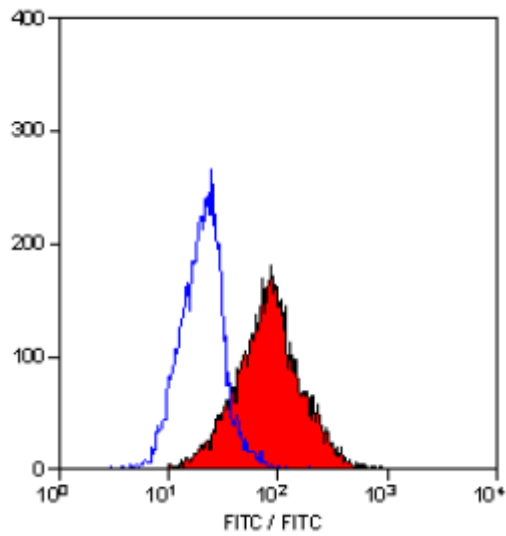
Alternate names:	END, ENG, HHT1, ORW, ORW1
Catalog No.:	SM1177PT
Quantity:	25 µg
Concentration:	1.0 mg/ml
Background:	CD105 is a glycoprotein homodimer of 95kD subunits. CD105 is also known as endoglin, and is expressed by endothelial cells, activated monocytes and some leukaemia cells.
Uniprot ID:	P17813
NCBI:	9606
Host / Isotype:	Mouse / IgG1
Clone:	SN6
Immunogen:	Partially purified cell membrane antigens from fresh leukemia cells. Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3/NS1/1-Ag4-1 myeloma cell line.
Format:	State: Liquid purified IgG fraction. Purification: Affinity Chromatography on Protein G Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide as preservative.
Applications:	Flow Cytometry: Use 10 µl of 1/50 diluted CD105 antibody to label 10e6 cells in 100 µl. Western Blot. Immunoprecipitation. Immunohistochemistry on Frozen Sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD105 cell surface antigen. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General References:	1. Haruta, Y. and Seon, B.K. (1986) Distinct human leukemia-associated cell surface glycoprotein GP160 defined by monoclonal antibody SN6. Proc. Natl. Acad. Sci. USA 83: 7898-7902.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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Pictures:



Staining of KG1 cells with Mouse Anti Human CD105 antibody (SM1177P).

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