



Mouse Anti-Human CD105 monoclonal antibody, clone RO7 (CABT-L1981)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human/Horse CD105
Immunogen	Antigen preparation isolated from cell membranes of leukemia cells derived from a patient with non-T/non-B-cell acute lymphoblastic leukemia (ALL)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Horse
Clone	RO7
Purification	Purified
Conjugate	Unconjugated
Applications	FC, IHC-P, IHC-F, IP, WB
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	Supplied in borate buffered saline, pH 8.2; No preservatives or amine-containing buffer salts added
Preservative	None
Storage	Short-term store at 2-8°C. Long term store at -20°C. Avoid multiple freeze/thaw cycles

BACKGROUND

Introduction	CD105, also known as endoglin, is a 90 kDa type II transmembrane glycoprotein that is expressed on the cell surface as a disulfide-linked homodimer and is found on endothelial cells. CD105 is one of several receptors for the various isoforms of TGF which in turn is one of a family of proteins involved in regulation of cell differentiation, migration of cells, and control on the immune response.
Keywords	ENG; endoglin; END; HHT1; ORW1; CD105 antigen