

CD105 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human CD105 (258-297aa YVSWLIDANHNMQIWTTGEYSFKIFPEKNIRGFKLPDTPQ).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2807231

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-

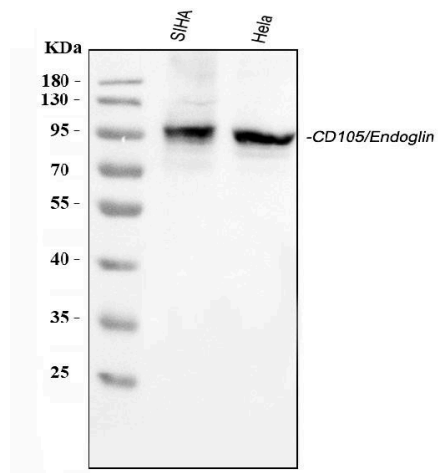
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For CD105 Polyclonal Antibody

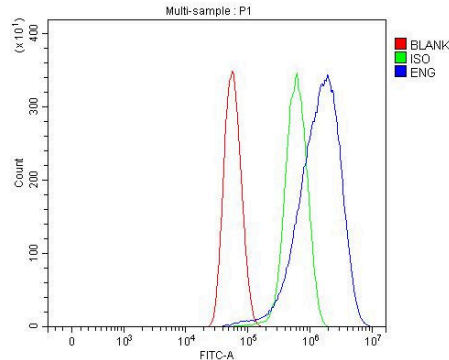
CD105 Antibody (PA5-95428) in WB

Western blot analysis of CD105/ENG in, Lane 1: human SiHa whole cell lysates, Lane 2: human Hela whole cell lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. The membrane was blocked with 5% non-fat milk/TBS for 1. 5 hour at RT. The membrane was incubated with CD105 Polyclonal Antibody (Product # PA5-95428) at 0.5 g/mL overnight at 4°C, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5,000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for CD105/ENG at approximately 95 kDa. The expected band size for CD105/ENG is at 71 kDa.



CD105 Antibody (PA5-95428) in Flow

Flow Cytometry of CD105 in U87 cells (blue line), isotype control rabbit IgG (green line) and unlabeled (red line). Samples were blocked with 10% goat serum, incubated with CD105 Polyclonal Antibody (Product # PA5-95428) at a dilution of 1 g (per 1x10⁶ cells), followed by DyLight®488 conjugated goat anti-rabbit IgG (for 30 minutes at 20°C) using 5-10 g (per 1x10⁶ cells) dilution.



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