9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-CD105 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1227

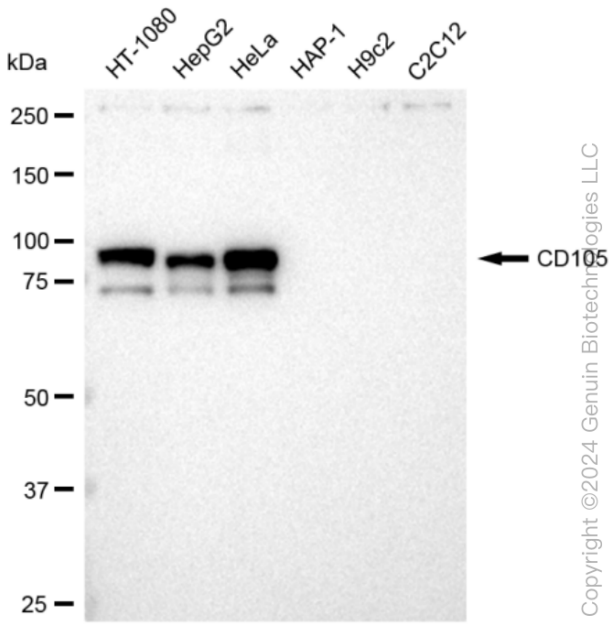
Product Overview

Name	KD-Validated Anti-CD105 Rabbit Monoclonal Antibody
Accession(Primary)	P17813
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CD105
Species Reactivity	Human
Calculated MW	Predicted, 71 kDa , observed, 90 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Immunocytochemistry (IC): 1:1,000

Target information (P17813)

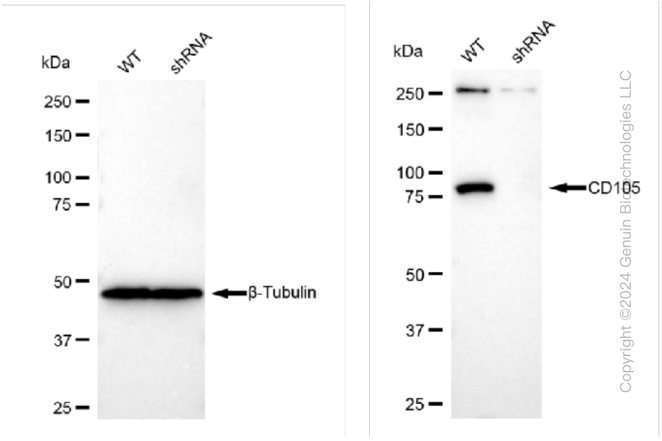
Gene Name	ENG
About Gene Symbol	ENG (Endoglin) is a cell surface marker involved in Hedgehog signaling and adaptive immunity. It is an important research target in immunology, flow cytometry, and cancer immunotherapy and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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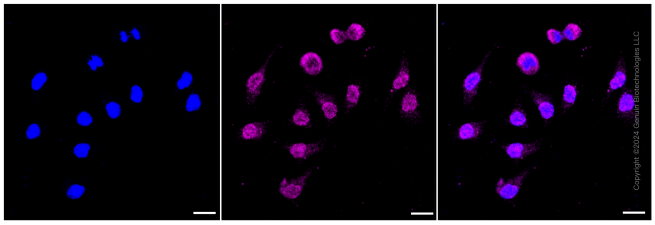
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Western blotting analysis using anti-CD105 antibody (Cat#ABG1227). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD105 antibody (Cat#ABG1227, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-CD105 antibody (Cat#ABG1227). CD105 expression in wild type (WT) and CD105 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-CD105 antibody (Cat#ABG1227, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of Hela cells with CD105 antibody (Cat#ABG1227, 1:1,000). Nuclei were stained blue with DAPI; CD105 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.