

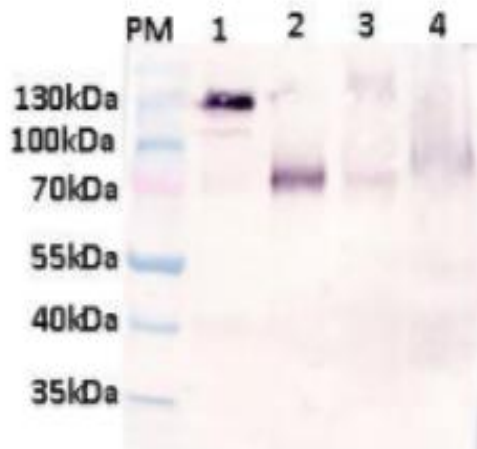
ENG

Mouse Anti-Human CD105 (Clone B-A55) mAb, Azide Free

Catalog No.	CDM480A CDM480B	Quantity:	200 µg 500 µg
Alternate Names:	Endoglin, ENG		
Description:	CD105 is a 180 kDa transmembrane glycoprotein predominantly expressed on endothelial cells. Elevated levels of CD105 were detected on tumor-associated vascular endothelium, where it functions as an accessory component of the transforming growth factor -beta receptor complex and is involved in vascular development and remodelling. CD105 is emerging as a prime target for tumor imaging and anti-angiogenetic cancer therapy.		
UniProt ID:	P17813		
Gene ID:	2022		
Concentration:	1.0 mg/mL		
Specificity:	Recognizes both native and recombinant human CD105		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c node cells		
Immunogen:	Recombinant human CD105		
Isotype:	Mouse IgG ₁ , κ		
Clone:	B-A55		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Applications:	ELISA, Flow Cytometry, Western Blot		
Storage & Stability:	Stable at 2-8°C for 12 months. For longer storage, freeze aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

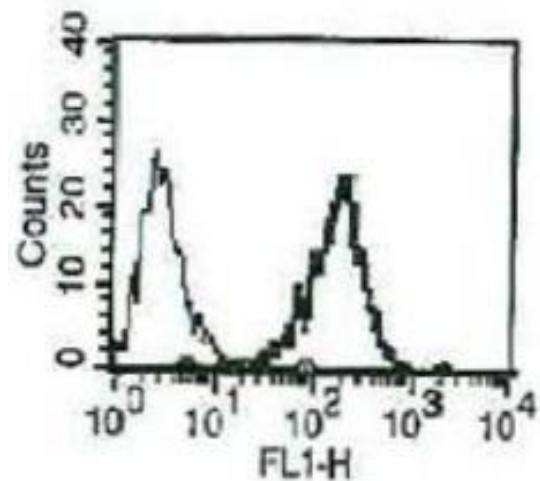


Western blot with biotinylated CDM480
 Lane 1. Recomb CD105, non-reduced
 Lane 2. Recomb CD105, reduced
 Lane 3. Eahy 926 lysate, non-reduced
 Lane 4. Eahy 926 lysate, reduced



Typical staining pattern of Eahy 926 (endothelial cells)
 with CDM480

Left peak: Isotype control
 Right peak: Labeled Eahy 926 cells



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