

ENG

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

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|--------------------|---------|------------------|--------|
| Catalog No. | CDM480A | Quantity: | 200 µg |
| | CDM480B | | 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-angiogenic 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 IgG₁, κ

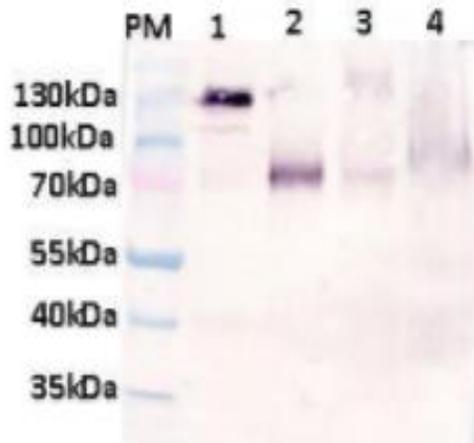
Clone: B-A55

Formulation: Sterile-filtered PBS, carrier and preservative free.

Applications: ELISA, Flow Cytometry, Western Blot

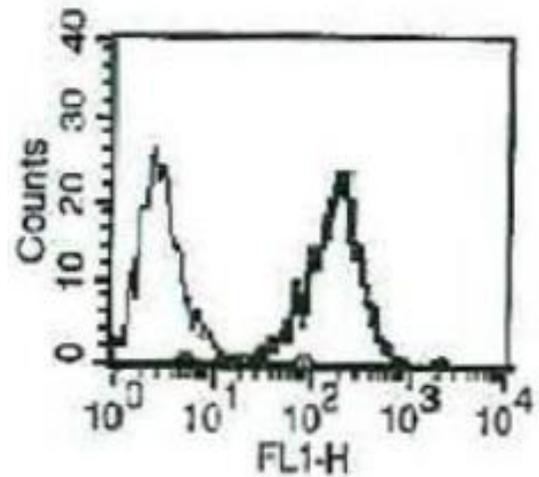
Storage & Stability: Stable at 2-8°C for 12 months. For longer storage, freeze aliquots and store at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**

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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