Elabscience®

Purified Anti-Human CD105 Antibody[43A3]

catalog number: AN007400P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

ImmunogenRedHostModIsotypeModIsotypeModClone43APurification>98BufferPBApplicationsRFCM 2μ DataImage: Space of the state of the stat	man combinant Human CD105 protein puse puse IgGl, κ A3 8%, Protein A/G purified S, pH 7.2. Contains 0.05% proclin 300. e commended Dilution g/mL(1×10 ⁵ -5×10 ⁵ cells)
Host Maximum	ouse ouse IgGl, κ A3 8%, Protein A/Gpurified S, pH 7.2. Contains 0.05% proclin 300. ecommended Dilution
Isotype Mc Clone 43A Purification >98 Buffer PB Applications R FCM 2 μ Data $\int_{0}^{\frac{\pi}{2}} \int_{0}^{\frac{\pi}{2}} \int_{0}^{$	ouse IgGl, κ A3 3%, Protein A/Gpurified S, pH 7.2. Contains 0.05% proclin 300. ecommended Dilution
Clone 43A Purification >98 Buffer PB: Applications Reference 2 μ Data 2 μ Data THP-1 were stained with 0.2 μ g Purifier Antibody[43A3] (Right) and 0.2 μ g M	A3 3%, Protein A/Gpurified S, pH 7.2. Contains 0.05% proclin 300. e commended Dilution
Purification>98BufferPBSApplicationsRoFCM 2μ DataImage: Constrained with 0.2 μ g Purified Antibody[43A3] (Right) and 0.2 μ g M	8%, Protein A/Gpurified S, pH 7.2. Contains 0.05% proclin 300. e commended Dilution
Buffer PB Applications Ref FCM 2μ Data $\int_{0}^{0} \int_{0}^{0} \int_{0}^{1} \int_{0}^{1$	S, pH 7.2. Contains 0.05% proclin 300. ecommended Dilution
Applications Re FCM 2 μ Data Data THP-1 were stained with 0.2 μg Purifie Antibody[43A3] (Right) and 0.2 μg M	ecommended Dilution
FCM 2μ Data Data THP-1 were stained with 0.2 μ g Purifie Antibody[43A3] (Right) and 0.2 μ g M	
Data Data Data Data Data Data Data Data	$g/mL(1 \times 10^5 - 5 \times 10^5 \text{ cells})$
THP-1 were stained with 0.2 μ g Purifie Antibody[43A3] (Right) and 0.2 μ g M	
THP-1 were stained with 0.2 μ g Purifie Antibody[43A3] (Right) and 0.2 μ g M	
Antibody[43A3] (Right) and 0.2 µg M	10 ⁵ 10 ⁶
	ed Anti-Human CD105
	louse IgG1, κ Isotype
Control (Left), followed by Alexa Flu	or® 647-conjugated
Goat Anti-Mouse IgG Second	ary Antibody.
Preparation & Storage	
Storage Sto	ore at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /
tha	w cycles.
Shipping Ice	bag
Background	

Endoglin (CD105) is a 90 kDa type I transmembrane glycoprotein of the zona pellucida (ZP) family of proteins (1-3). Endoglin and Betaglycan/T beta RIII are type III receptors for TGF beta superfamily ligands, sharing 71% aa identity in the transmembrane (TM) and cytoplasmic domains. Endoglin is highly expressed on proliferating vascular endothelial cells, chondrocytes, and syncytiotrophoblasts of term placenta, with lower amounts on hematopoietic, mesenchymal and neural crest stem cells, activated monocytes, and lymphoid and myeloid leukemic cells.

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