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AF/LE Purified Anti-Mouse CD105 Antibody[MJ7/18]

catalog number: E-AB-F12330

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

Description

Reactivity Mouse

Immunogen Recombinant Human CD105 protein

Host Rat

Isotype Rat IgG2a, κ
Clone MJ7/18

Purification >98%, Protein A/G purified

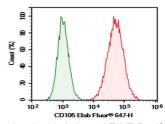
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications Recommended Dilution

FCM $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$

Data



Bend.3 were stained with 0.2 μg AF/LE Purified Anti-Mouse CD105 Antibody[MJ7/18] (Right) and 0.2 μg Rat IgG1, κ

Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody.

Preparation & Storage

Storage Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles. This preparation contains no preservatives, thus it should be handled

under aseptic conditions.

Shipping Ice bag

Background

Endoglin (ENG, CD105) is a homodimeric cell membrane glycoprotein of 180 kDa, composed of disulphide-linked subunits of 90-95 kDa. Endoglin is a proliferation-associated and hypoxia-inducible protein mainly expressed on vascular endothelial cells. It acts as an accessory receptor for transforming growth factor beta (TFG-β) and is involved in vascular development and remodelling. The important role of Endoglin in angiogenesis and in tumor progression makes it an ideal target for antiangiogenic therapy and a good marker for tumor prognosis.

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