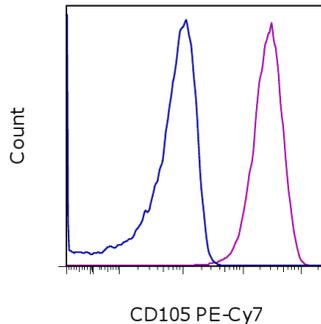


Anti-Human CD105 (Endoglin) PE-Cyanine7

Catalog Number: 25-1057

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of U937 cells with Mouse IgG1 K Isotype Control PE-Cyanine7 (cat. 25-4714) (blue histogram) or Anti-Human CD105 (Endoglin) PE-Cyanine7 (purple histogram). Total viable cells, as determined by Fixable Viability Dye eFluor[®] 780, were used for analysis.

Product Information

Contents: Anti-Human CD105 (Endoglin)
PE-Cyanine7

REF **Catalog Number:** 25-1057

Clone: SN6

Concentration: 5 μ L (0.125 μ g)/test

Host/Isotype: Mouse IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material. This tandem dye is sensitive to photo-induced oxidation. Protect this vial from light during storage, handling & experimental procedures.

Batch Code: Refer to vial

Use By: Refer to vial

Contains sodium azide

Description

The SN6 monoclonal antibody reacts with human CD105, also known as Endoglin. CD105, an approximately 90 kDa disulfide-linked homodimer is expressed by vascular endothelial cells and some bone marrow cells and activated macrophages. It is suggested that CD105 functions in adhesion and embryonic angiogenesis.

Applications Reported

This SN6 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This SN6 antibody has been pre-titrated and tested by flow cytometric analysis of the U937 cell line. This can be used at 5 μ L (0.125 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

Light sensitivity: This tandem dye is sensitive photo-induced oxidation. Please protect this vial and stained samples from light.

Fixation: Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100 μ L cell sample + 100 μ L IC Fixation Buffer) or 1-step Fix/Lyse Solution (cat. 00-5333) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

References

Kishimoto, T., A.E.G., von dem Borne, et al. eds. 1998. Leucocyte Typing VI: White Cell Differentiation Antigens. Garland Publishing Inc. London.

Related Products

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Anti-Human CD105 (Endoglin) PE-Cyanine7

Catalog Number: 25-1057

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25-4714 Mouse IgG1 K Isotype Control PE-Cyanine7 (P3.6.2.8.1)

65-0865 Fixable Viability Dye eFluor® 780

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