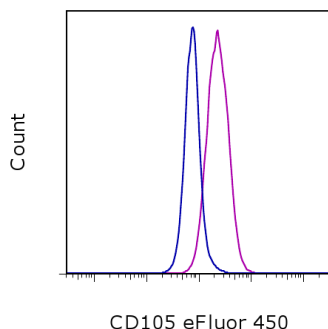


Anti-Human CD105 (Endoglin) eFluor[®] 450

Catalog Number: 48-1057

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



Staining of U937 cells with Mouse IgG1 K Isotype Control eFluor[®] 450 (cat. 48-4714) (blue histogram) or Anti-Human CD105 (Endoglin) eFluor[®] 450 (purple histogram). Total viable cells, as determined by Fixable Viability Dye eFluor[®] 780, were used for analysis.

Product Information

Contents: Anti-Human CD105 (Endoglin) eFluor[®] 450

Catalog Number: 48-1057

Clone: SN6

Concentration: 5 μ L (0.25 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.

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 (0.25 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.

eFluor[®] 450 is a replacement for Pacific Blue[®]. eFluor[®] 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

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

65-0865 Fixable Viability Dye eFluor[®] 780

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •
info@ebioscience.com