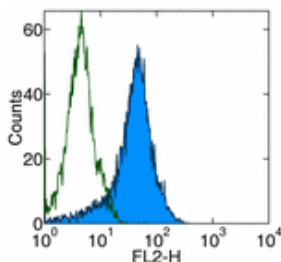


Anti-Mouse CD309 (FLK1) Purified

Catalog Number: 14-5821

Also Known As: Flk-1, VEGF-R2, VEGFR2, Ly-73, Ly73, KDR


RUO: For Research Use Only



Surface staining of bEnd.3 cell line with Anti-Mouse CD309 (FLK1) PE. Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD309 (FLK1) Purified

 Catalog Number: 14-5821

Clone: Avas12a1

Concentration: 0.5 mg/ml

Host/Isotype: Rat IgG2a, κ

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



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The Avas12a1 monoclonal antibody reacts with mouse Flk-1, also known as vascular endothelial growth factor receptor 2 (VEGFR2). Flk-1 is a receptor tyrosine kinase involved in vascular endothelial tissue development and is expressed on endothelial cells during embryonic stages and some endothelial tissues in the adult.

Applications Reported

The Avas12a1 antibody has been reported for use in flow cytometric analysis, immunoblotting (WB), and immunohistochemical staining.

Applications Tested

This Avas12a1 antibody has been tested by flow cytometric analysis of bEnd.3 cells. This can be used at less than or equal to 0.5 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. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Kataoka, H., N. Takakura, et al. (1997). "Expressions of PDGF receptor alpha, c-Kit and Flk1 genes clustering in mouse chromosome 5 define distinct subsets of nascent mesodermal cells." *Dev Growth Differ* 39(6): 729-40.

Related Products

11-4317 Streptavidin FITC

11-4811 Anti-Rat IgG FITC

12-4317 Streptavidin PE

13-4813 Anti-Rat IgG Biotin (Polyclonal)

14-4321 Rat IgG2a K Isotype Control Purified

17-4317 Streptavidin APC

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