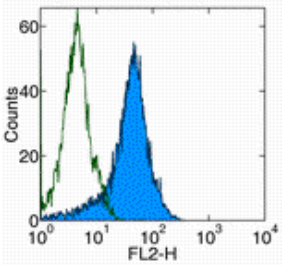
Anti-Mouse CD309 (FLK1) PE

Catalog Number: 12-5821
Also Known As: Flk-1, VEGF-R2, VEGFR2, Ly-73, Ly73, KDR
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of bEnd.3 cell line with 0.5 ug of Rat IgG2a kappa Isotype Control PE (cat. 12-4321) (open histogram) or 0.5 ug of Anti-Mouse CD309 (FLK1) PE (filled histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD309 (FLK1) PE
REF **Catalog Number:** 12-5821
Clone: Avas12a1
Concentration: 0.2 mg/mL
Host/Isotype: Rat IgG2a, 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.
LOT **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.

Applications Tested

The 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 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. 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

12-4321 Rat IgG2a K Isotype Control PE (eBR2a)

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