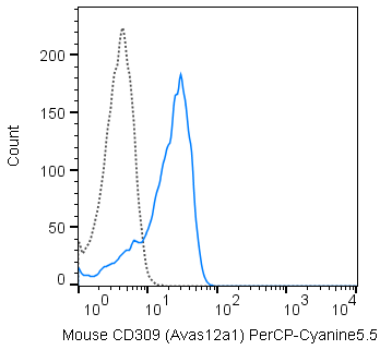
TECHNICAL DATA SHEET

PerCP-Cyanine5.5 Anti-Mouse CD309 (FLK1) (Avas12a1)

Catalog Number: 65-5821

PRODUCT INFORMATION

Contents:	PerCP-Cyanine5.5 Anti-Mouse CD309 (FLK1)
Isotype:	Rat IgG2a, kappa
Concentration:	0.2 mg/mL
Clone:	Avas12a1
Reactivity:	Mouse
Use By:	6 months from date of receipt
Storage Conditions:	2-8°C protected from light
Formulation:	10 mM NaH_2PO_4, 150 mM NaCl, 0.09% NaN_3, 0.1% gelatin, pH7.2



bEnd-3 cells were stained with 0.5 ug PerCP-Cyanine5.5 Anti-Mouse CD309 (65-5821) (solid line) or 0.5 ug PerCP-Cyanine5.5 Rat IgG2a isotype control (dashed line).

DESCRIPTION

The Avas12a1 monoclonal antibody reacts with mouse CD309, also known as fetal liver kinase-1 (Flk-1) and vascular endothelial growth factor receptor 2 (VEGFR2). CD309 is a receptor protein tyrosine kinase involved in the embryonic development of vascular endothelial and hematopoietic cells.

PREPARATION & STORAGE

This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

APPLICATION NOTES

This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

REFERENCES

Shalaby F, Rossant J, Yamaguchi TP, et al. 1995. Nature. 376(6535):62-66. Shalaby F, Ho J, Stanford WL, et al. 1997. Cell. 89(6):981-990. Nishikawa SI, Nishikawa S, Kawamoto H, et al. 1998. Immunity. 8(6):761-769.

Tonbo Biosciences tests all antibodies by flow cytometry. Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.