

Datasheet for ABIN7278486

anti-VEGFR2/CD309 antibody (PerCP-Cy5.5)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	VEGFR2/CD309 (VEGFR2)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This VEGFR2/CD309 antibody is conjugated to PerCP-Cy5.5
Application:	Flow Cytometry (FACS)

Product Details

Clone:	Avas12a1
Isotype:	IgG2a kappa
Purification:	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.

Target Details

Target:	VEGFR2/CD309 (VEGFR2)
Alternative Name:	CD309 (FLK1) (VEGFR2 Products)
Background:	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

Target Details

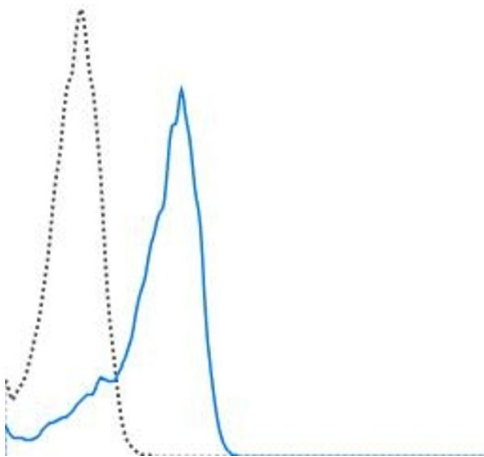
	protein tyrosine kinase involved in the embryonic development of vascular endothelial and hematopoietic cells.
Gene ID:	16542
Pathways:	RTK Signaling , Glycosaminoglycan Metabolic Process , Signaling Events mediated by VEGFR1 and VEGFR2 , Growth Factor Binding , Regulation of long-term Neuronal Synaptic Plasticity , VEGF Signaling

Application Details

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.
Comment:	0.2 mg/mL
Restrictions:	For Research Use only

Handling

Buffer:	10 mM NaH ₂ PO ₄ , 150 mM NaCl, 0.09 % Sodium azide, 0.1 % gelatin, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	2-8°C protected from light
Expiry Date:	12 months



Flow Cytometry

Image 1. bEnd-3 cells were stained with 0.5 µg PerCP-Cyanine5.5 Anti-Mouse CD309 (ABIN6961696) (solid line) or 0.5 µg PerCP-Cyanine5.5 Rat IgG2a isotype control (dashed line).