

Datasheet for ABIN2659098

anti-Cadherin 5 antibody (PE-Cy7)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Cadherin 5 (CDH5)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Cadherin 5 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Neutralization (Neut), Intracellular Flow Cytometry (ICFC), Cytometry by Time of Flight (CyTOF), ELISA (Capture), ELISpot (Capture) (ELISPOT (Capture))

Product Details

Clone:	BV13
Isotype:	IgG1
Purification:	The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 and unconjugated antibody.

Target Details

Target:	Cadherin 5 (CDH5)
Alternative Name:	CD144 (CDH5 Products)
Background:	CD144, also known as vascular endothelial-cadherin (VE-cadherin), is a 120 kD member of the type II Cadherin family. It is an endothelial specific hemophilic adhesion molecule involved in

Target Details

	endothelial cell survival, migration, contact-dependent growth inhibition, and homophilic adhesion. VE-cadherin is essential for maintaining the integrity of the endothelial barrier in vivo.
Pathways:	Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2

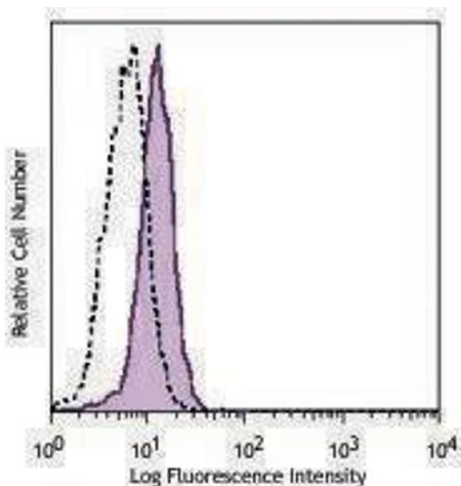
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.2 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.