

Datasheet for ABIN2657633

anti-Cadherin 5 antibody (Alexa Fluor 647)[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 Alexa Fluor 647
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Neutralization (Neut), Intracellular Flow Cytometry (ICFC), Cytometry by Time of Flight (CyTOF)

Product Details

Clone:	VECD1
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions.

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 endothelial cell survival, migration, contact-dependent growth inhibition and homophilic

Target Details

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: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

Preservative: Sodium azide

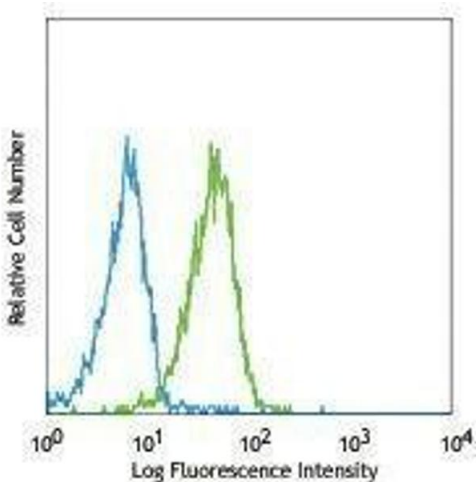
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.