

Datasheet for ABIN2660818  
**anti-Cadherin 5 antibody (Biotin)**



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1 Image

## Overview

|              |                                                                                                                            |
|--------------|----------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µg                                                                                                                     |
| Target:      | Cadherin 5 (CDH5)                                                                                                          |
| Reactivity:  | Mouse                                                                                                                      |
| Host:        | Rat                                                                                                                        |
| Clonality:   | Monoclonal                                                                                                                 |
| Conjugate:   | This Cadherin 5 antibody is conjugated to Biotin                                                                           |
| Application: | Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Neutralization (Neut),<br>Intracellular Flow Cytometry (ICFC) |

## Product Details

|               |                                                                                                                                                         |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone:        | BV13                                                                                                                                                    |
| Isotype:      | IgG1                                                                                                                                                    |
| Purification: | The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin. |

## Target Details

|                   |                                                                                                                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Cadherin 5 (CDH5)                                                                                                                                                                                                                                                                     |
| Alternative Name: | CD144 ( <a href="#">CDH5 Products</a> )                                                                                                                                                                                                                                               |
| 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

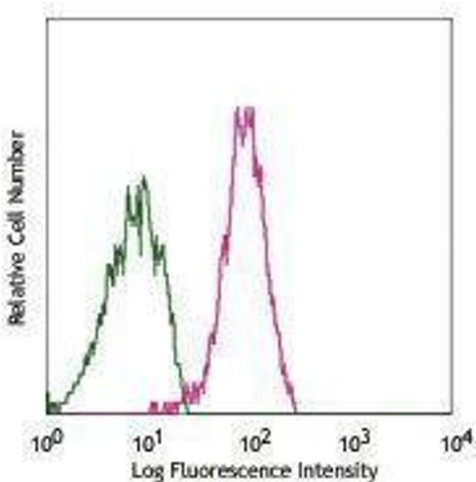
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.