

Datasheet for ABIN600557  
**anti-Cadherin 5 antibody (FITC)**



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## Overview

|              |                                                                                                                                                                                                 |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µg                                                                                                                                                                                          |
| Target:      | Cadherin 5 (CDH5)                                                                                                                                                                               |
| Reactivity:  | Human                                                                                                                                                                                           |
| Host:        | Mouse                                                                                                                                                                                           |
| Clonality:   | Monoclonal                                                                                                                                                                                      |
| Conjugate:   | This Cadherin 5 antibody is conjugated to FITC                                                                                                                                                  |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry<br>(Frozen Sections) (IHC (fro)) |

## Product Details

|               |                               |
|---------------|-------------------------------|
| Immunogen:    | Human Cadherin 5.             |
| Isotype:      | IgG2a                         |
| Specificity:  | Recognizes human VE-cadherin. |
| Purification: | Purified                      |

## Target Details

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Target:           | Cadherin 5 (CDH5)                                            |
| Alternative Name: | CD144 / CDH5 / VE Cadherin ( <a href="#">CDH5 Products</a> ) |
| Background:       | Name/Gene ID: CDH5<br>Family: Cadherin                       |

## Target Details

Synonyms: CDH5, 7B4, 7B4 antigen, CD144, Cadherin-5, Endothelial-specific cadherin, Vascular endothelial cadherin, VE-cadherin, VEC, CD144 antigen, VE Cadherin

Gene ID: 1003

UniProt: [P33151](#)

Pathways: [Cell-Cell Junction Organization](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#)

## Application Details

Application Notes: Approved: Flo (1:10), IHC, IHC-Fr (1:10), IHC-P, WB (1:10)

Usage: Suitable for use in Flow Cytometry, Western Blot, Immunohistochemistry, and Immunoassays. Flow Cytometry: 1:10. Western Blot: 1:10. Immunohistochemistry (frozen): 1:10. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 1 % BSA, 0.02 % 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: Avoid repeated freezing and thawing. FITC conjugates are sensitive to light.

Storage: -20 °C

Storage Comment: For long-term storage and to avoid freeze-thaw cycles, aliquot and store at -20°C. Aliquots are stable for at least 1 year at -20°C. FITC conjugates are sensitive to light.