

Datasheet for ABIN2618368  
**anti-Cadherin 5 antibody (AA 766-784)**



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## Overview

|                      |                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                                                         |
| Target:              | Cadherin 5 (CDH5)                                                                                              |
| Binding Specificity: | AA 766-784                                                                                                     |
| Reactivity:          | Human, Mouse, Rat, Pig, Monkey                                                                                 |
| Host:                | Rabbit                                                                                                         |
| Clonality:           | Polyclonal                                                                                                     |
| Conjugate:           | This Cadherin 5 antibody is un-conjugated                                                                      |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                             |                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | A synthetic peptide corresponding to a sequence at the C-terminus of human VE Cadherin(766-784aa RFKMLAELYGSDPREELLY), different from the related mouse and rat sequences by three amino acids. |
| Isotype:                    | IgG                                                                                                                                                                                             |
| Specificity:                | Endothelial tissues and brain.                                                                                                                                                                  |
| Cross-Reactivity (Details): | No cross reactivity with other proteins.                                                                                                                                                        |
| Purification:               | Immunogen affinity purified                                                                                                                                                                     |

## Target Details

|         |                   |
|---------|-------------------|
| Target: | Cadherin 5 (CDH5) |
|---------|-------------------|

## Target Details

|                   |                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | CD144 / CDH5 / VE Cadherin ( <a href="#">CDH5 Products</a> )                                                                                                                                                  |
| Background:       | Name/Gene ID: CDH5<br>Family: Cadherin<br><br>Synonyms: CDH5, 7B4, 7B4 antigen, CD144, Cadherin-5, Endothelial-specific cadherin, Vascular endothelial cadherin, VE-cadherin, VEC, CD144 antigen, VE Cadherin |
| Gene ID:          | 1003                                                                                                                                                                                                          |
| Pathways:         | <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a>                                                                                              |

## Application Details

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| Application Notes: | Approved: IHC, IHC-P (0.5 - 1 µg/mL), WB (0.1 - 5 µg/mL) |
| Comment:           | Target Species of Antibody: Human                        |
| Restrictions:      | For Research Use only                                    |

## Handling

|                    |                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                           |
| Reconstitution:    | Distilled water                                                                                                                                                  |
| Concentration:     | Lot specific                                                                                                                                                     |
| Buffer:            | Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.                          |
| Preservative:      | Sodium azide, Thimerosal (Merthiolate)                                                                                                                           |
| Precaution of Use: | This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.               |
| Storage:           | 4 °C, -20 °C                                                                                                                                                     |
| Storage Comment:   | At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid freeze-thaw cycles. |