

Datasheet for ABIN722769

**anti-Endothelin 1 antibody (Cy3)**[Go to Product page](#)

## Overview

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                          |
| Target:      | Endothelin 1 (EDN1)                                                             |
| Reactivity:  | Human, Rat                                                                      |
| Host:        | Mouse                                                                           |
| Clonality:   | Monoclonal                                                                      |
| Conjugate:   | This Endothelin 1 antibody is conjugated to Cy3                                 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human Endothelin-1 |
| Clone:            | 2C4                                                              |
| Isotype:          | IgG                                                              |
| Cross-Reactivity: | Human, Rat                                                       |
| Purification:     | Purified by Protein G.                                           |

## Target Details

|                   |                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Endothelin 1 (EDN1)                                                                                                                                        |
| Alternative Name: | Endothelin-1 ( <a href="#">EDN1 Products</a> )                                                                                                             |
| Background:       | Synonyms: EDN 1, EDN1, EDN1 protein, Endothelin1, ET 1, ET1,<br>Background: Endothelins (ET) show potent constrictor activity in vascular and non-vascular |

## Target Details

smooth muscle. This family of 21-amino acid peptides exists in at least three isoforms - ET-1, ET-2, and ET-3, and is produced in endothelial and epithelial cells. ET's can mediate biological effects in cells and tissues, and have been shown to bind to an ET receptor in the lung, kidney, heart, and liver. Endothelin 1 is expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.

|           |                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID:  | 1906                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pathways: | <a href="#">Hormone Transport</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Regulation of Cell Size</a> |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | IF(IHC-P) 1:50-200    |
| Restrictions:      | For Research Use only |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |