

Anti-Endothelin B Receptor/EDNRB Antibody Picoband® FITC Conjugated

Catalog Number: PB9554-FITC

About EDNRB

Endothelin receptor type B, also known as ETB is a protein that in humans is encoded by the EDNRB gene. The protein encoded by this gene is a G protein-coupled receptor which activates a phosphatidylinositol-calcium second messenger system. Its ligand, endothelin, consists of a family of three potent vasoactive peptides: ET1, ET2, and ET3. Studies suggest that the multigenic disorder, Hirschsprung disease type 2, is due to mutations in the endothelin receptor type B gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Overview

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| Product Name | Anti-Endothelin B Receptor/EDNRB Antibody Picoband® FITC Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P24530 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human EDNRB, different from the related mouse and rat sequences by one amino acid. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm |

Suggested Dilutions

Optimal dilutions should be determined by end users.

2 Publications Citing This Product

1. PubMed ID: 10.1159/000157628, Normalizing NADPH Oxidase Contributes to Attenuating Diabetic Nephropathy by the Dual Endothelin Receptor Antagonist CPU0213 in Rats

2. PubMed ID: 20167215, Peng Hj, Dai Dz, Ji H, Dai Y. Eur J Pharmacol. 2010 May 25;634(1-3):101-6. Doi: 10.1016/J.Ejphar.2010.02.001. Epub 2010 Feb 16. The Separate Roles Of Endothelin Receptors Participate In Remodeling Of Matrix Metalloproteinase And Connexin 43 Of Car...

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