

Anti-Endothelin B Receptor/EDNRB Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PB9554-Fluoro647

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

Product Name	Anti-Endothelin B Receptor/EDNRB Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
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

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	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Flow Cytometry, 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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