

Anti-Endothelin B Receptor/EDNRB Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB9554-Fluoro488

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® Fluoro488 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

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	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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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