

EDNRB rabbit monoclonal antibody

Catalog # H00001910-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EDNRB peptide using ARM Technology.
Immunogen	A synthetic peptide of human EDNRB is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human EDNRB peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — EDNRB

Entrez GeneID	1910
GeneBank Accession#	EDNRB
Gene Name	EDNRB
Gene Alias	ABCD5, ETB, ETBR, ETRB, HSCR, HSCR2
Gene Description	endothelin receptor type B
Omim ID	131244 277580 600155 600501
Gene Ontology	Hyperlink
Gene Summary	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. Three transcript variants encoding two different isoforms have been found for this gene. While both isoforms bind ET1, they exhibit different responses upon binding, suggesting that they may be functionally distinct. [provided by RefSeq]
Other Designations	OTTHUMP00000178736 endothelin receptor non-selective type

Pathway

- [Calcium signaling pathway](#)
- [Melanogenesis](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)

- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cystic Fibrosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Digestive System Abnormalities](#)
- [Disease Progression](#)
- [Down Syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Hirschsprung Disease](#)
- [Hypertension](#)
- [Leukoaraiosis](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Scleroderma](#)

- [Skin Neoplasms](#)
- [Stroke](#)
- [Vision Disorders](#)