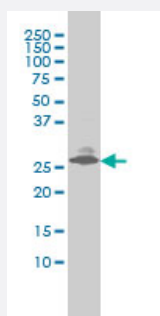


EDN3 monoclonal antibody (M01), clone 2A6-2A4

Catalog # H00001908-M01

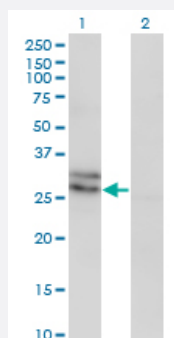
Size 100 ug

Applications



Western Blot (Cell lysate)

EDN3 monoclonal antibody (M01), clone 2A6-2A4 Western Blot analysis of EDN3 expression in LNCaP (Cat # L004V1).

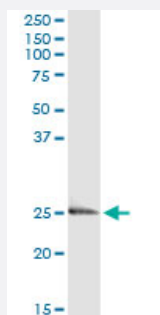


Western Blot (Transfected lysate)

Western Blot analysis of EDN3 expression in transfected 293T cell line by EDN3 monoclonal antibody (M01), clone 2A6-2A4.

Lane 1: EDN3 transfected lysate(25.5 KDa).

Lane 2: Non-transfected lysate.

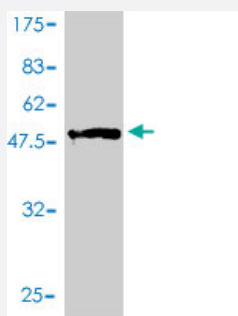
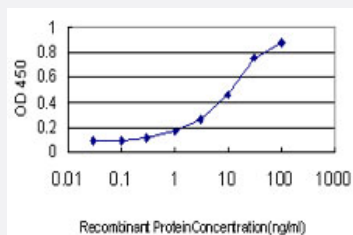


Immunoprecipitation

Immunoprecipitation of EDN3 transfected lysate using anti-EDN3 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with EDN3 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EDN3 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (51.92 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant EDN3.
Immunogen	EDN3 (AAH08876, 1 a.a. ~ 238 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEPGLWLLFGLTVTSAAGFVPCSQSGDAGRGRGVSQAPTAARSEGDCEETVAGPGGEETVAGPG EGTVAPTALQGPSPGSPGQEQAAEGAPEHHRSSRCTCFTYKDKECVYYCHLDIWINTP EQTVPY GLSNYRGSFRGKRSAGPLPGNLQLSHRPHLRACACVGRYDKACLHFCTQTLDVSSNSRTAEKTDK EEEGKVEVKDQQSKQALDLHHPKLMPSGLALAPSTCPRCLFQEGAP
Host	Mouse
Reactivity	Human
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.92 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

EDN3 monoclonal antibody (M01), clone 2A6-2A4 Western Blot analysis of EDN3 expression in LNCaP (Cat # L004V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of EDN3 expression in transfected 293T cell line by EDN3 monoclonal antibody (M01), clone 2A6-2A4.

Lane 1: EDN3 transfected lysate(25.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of EDN3 transfected lysate using anti-EDN3 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with EDN3 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EDN3 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — EDN3

Entrez GeneID [1908](#)

GeneBank Accession# [BC008876](#)

Protein Accession# [AAH08876](#)

Gene Name EDN3

Gene Alias ET3, MGC15067, MGC61498

Gene Description	endothelin 3
Omim ID	131242 142623 209880 277580
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the endothelin family. Endothelins are endothelium-derived vasoactive peptides involved in a variety of biological functions. The active form of this protein is a 21 amino acid peptide processed from the precursor protein. The active peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells. Four alternatively spliced transcript variants encoding three distinct isoforms have been observed. [provided by RefSeq]
Other Designations	OTTHUMP00000031420 truncated endothelin 3

Pathway

- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Cardiovascular Diseases](#)
- [Cystic Fibrosis](#)
- [Diabetes Mellitus](#)
- [Down Syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Sleep Apnea](#)