eNOS (phospho Ser1177) antibody [BDI250]

Cat. No. GTX42866

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ELISA
Reactivity	Human, Mouse

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	2 µg/ml
ELISA	0.1 µg/ml

Not tested in other applications.

Calculated MW	133 kDa. (Note)
Product Note	Endothelial NO synthase produces nitric oxide (NO) which plays a crucial role in cardiovascularhomeostasis. Activation of the enzyme and NO production can be induced by phosphorylation of eNOS atSerine 1177 by activated Akt/PKB. Specifically recognizes eNOS phosphorylated at serine 1177.MW = 140 kDa. Cross-reacts with human and mouse.

Properties

Form	Liquid
Buffer	PBS, PEG, Sucrose, 50% Glycerol
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.10 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic phosphopeptide corresponding to amino acid residues surrounding S1177.
Purification	Purified by thiophilic adsorption and size exclusion chromatography From tissue culture supernatant
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

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Note

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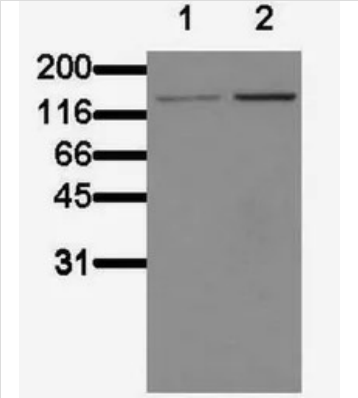
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX42866 WB Image

WB analysis of Bend3 cells using GTX42866 eNOS (phospho Ser1177) antibody [BDI250] at 1 µg/mL.
Lane 1 : Untreated whole cell lysate
Lane 2 : Pervanadate-treated whole cell lysate

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