

## eNOS (phospho Ser1177) antibody [BDI250]

**Cat. No. GTX42866**

|                     |              |
|---------------------|--------------|
| <b>Host</b>         | Mouse        |
| <b>Clonality</b>    | Monoclonal   |
| <b>Isotype</b>      | IgG1         |
| <b>Applications</b> | WB, ELISA    |
| <b>Reactivity</b>   | 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 cardiovascular homeostasis. Activation of the enzyme and NO production can be induced by phosphorylation of eNOS at Serine 1177 by activated Akt/PKB. Specifically recognizes eNOS phosphorylated at serine 1177. MW = 140 kDa. Cross-reacts with human and mouse.

## Properties

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



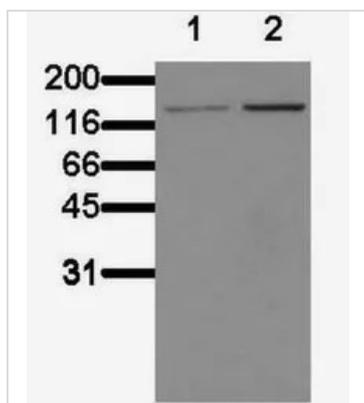
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**Note**

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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