

Phospho-eNOS-S1177 Rabbit mAb

Catalog No.: AP1404 **Recombinant** **4 Publications**

Basic Information

Observed MW

140 kDa

Calculated MW

133 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

CloneNo number

ARC58017

Background

Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Alternative splicing and the use of alternative promoters results in multiple transcript variants.

Recommended Dilutions

WB 1:2000 - 1:8000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4846

Swiss Prot

P29474

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

eNOS; ECNOS; Phospho-eNOS-S1177

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

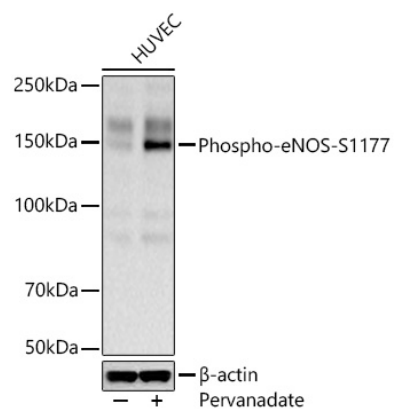
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from HUVEC cells using Phospho-eNOS-S1177 Rabbit mAb (AP1404) at 1:6000 dilution incubated overnight at 4°C. HUVEC cells were treated with Pervanadate (100 μ M) at 37°C for 10 minutes.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60 s.