

eNOS (phospho Ser1177) antibody

Cat. No. GTX129058

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse, Rat

References (5)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW 133 kDa. ([Note](#))

Properties

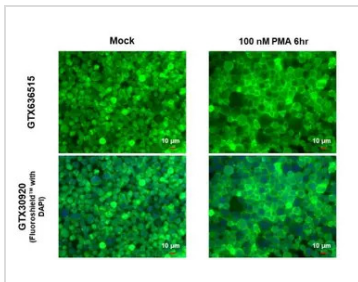
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.05 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser1177 of human eNOS. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

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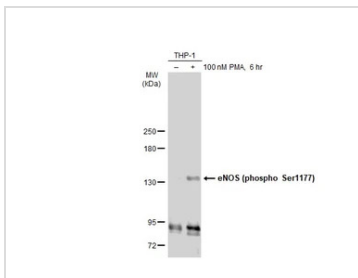
DATA IMAGES

GTx129058 ICC/IF Image

eNOS (phospho Ser1177) antibody detects eNOS (phospho Ser1177) protein at cell membrane by immunofluorescent analysis.

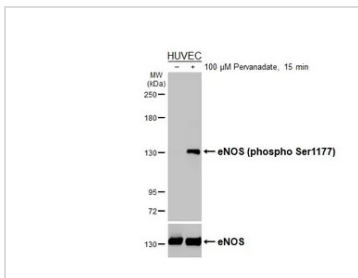
Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: eNOS (phospho Ser1177) stained by eNOS (phospho Ser1177) antibody (GTx129058) diluted at 1:500.

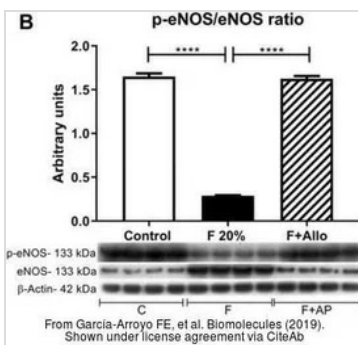
Blue: Fluoroshield with DAPI (GTx30920).


GTx129058 WB Image

Untreated (–) and treated (+) THP-1 whole cell extracts (30 μg) were separated by 5% SDS-PAGE, and the membrane was blotted with eNOS (phospho Ser1177) antibody (GTx129058) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx129058 WB Image

Untreated (–) and treated (+) HUVEC whole cell extracts (30 μg) were separated by 5% SDS-PAGE, and the membranes were blotted with eNOS (phospho Ser1177) antibody (GTx129058) diluted at 1:500 and eNOS antibody (GTx133404) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx129058 WB Image

The data was published in the journal Biomolecules in 2019. [PMID: 31614639](https://pubmed.ncbi.nlm.nih.gov/31614639/)



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