

## Anti-Phospho-eNOS (Ser1177) Polyclonal Antibody 2

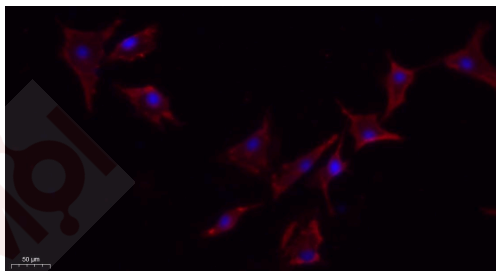
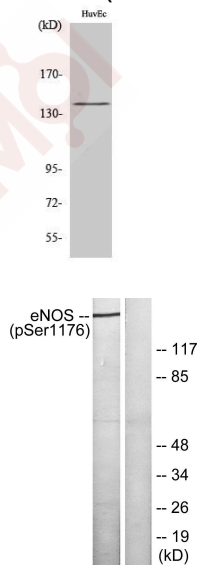
### Product Details

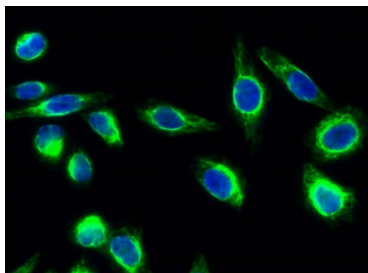
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 130-140 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications

#### Verified Activity:

1. Western Blot analysis of HuvEc cells using Phospho-NOS3 (S1177) Polyclonal Antibody diluted at 1:1000.
2. Western blot analysis of lysates from HeLa cells treated with Insulin 0.01U/ml 15', using eNOS (Phospho-Ser1176) Antibody. The lane on the right is blocked with the phospho peptide.
3. Immunofluorescence analysis of A549. 1, primary Antibody(red) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min.
4. Immunofluorescence analysis of Hela cell. 1,NOS3 (phospho Ser1177) Polyclonal Antibody (green) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min). 3 DAPI (blue) 10min.





Application: IF, WB  
Recommended WB: 1:500-2000; IF: 1:200-1000

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#### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.  
Shipping: Shipping with blue ice.

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#### Antigen Details

Immunogen: A synthesized phosphopeptide: human eNOS around the phosphorylation site of Ser1176  
Antigen Species: human  
Uniprot ID: P29474  
Synonyms: p-eNOS (S1177); p-eNOS (Ser1177); eNOS (p-Ser1177); eNOS (p-S1177)

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#### Research 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009],

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