

<b>Cat. No:</b>	AB-83619
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	Poly
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Reactivity:</b>	Hu, Ms
<b>Applications:</b>	WB: 1:500-1:2000 IHC: 1:50-1:200
<b>Molecular Weight:</b>	133 kDa
<b>Purification:</b>	<p>Polyclonal antibodies are produced by immunizing rabbits with a synthetic phospho-peptide (KLH-coupled) corresponding to residues surrounding Ser1177 of human eNOS. Antibodies are purified by protein A and peptide affinity chromatography.</p>
<b>Background:</b>	<p>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. Phospho-eNOS (Ser1177) Antibody detects endogenous levels of eNOS only when phosphorylated at Ser1177.</p>
<b>Form:</b>	liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol,pH7.3
<b>Storage:</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.

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