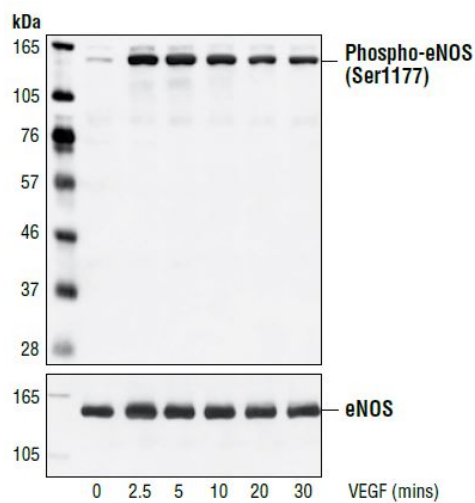
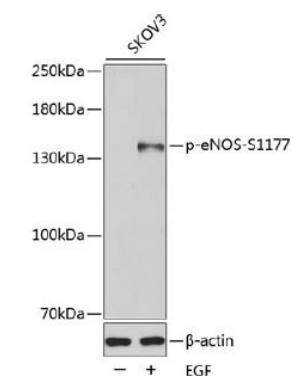


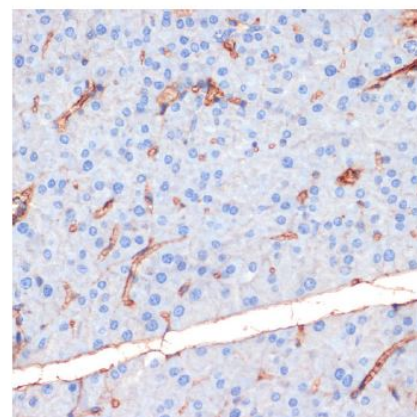
Product name:	Phospho-eNOS-S1177
Cat number:	AB-83619
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Reactivity:	Hu, Ms
Applications:	WB: 1:500-1:2000 IHC: 1:50-1:200
Molecular Weight:	133 kDa
Purification:	Polyclonal antibodies are produced by immunizing 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.
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Storage:	Store at -20°C, and avoid repeat freeze-thaw cycles.
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. Phospho-eNOS (Ser1177) Antibody detects endogenous levels of eNOS only when phosphorylated at Ser1177.



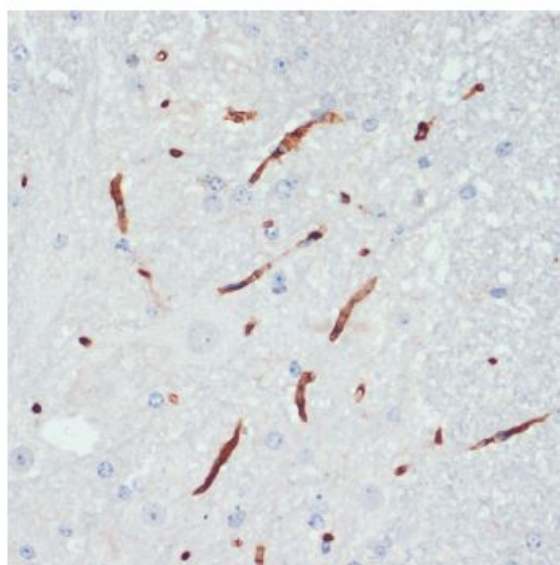
Western blot analysis of extracts from bovine aortic endothelial cells (BAECs), untreated or VEGF-treated (50 ng/ml) for the indicated times, using Phospho-eNOS (Ser1177) Antibody (upper) or control eNOS antibody (lower).



Western blot analysis of extracts of SKOV3 cells, using Phospho-eNOS-S1177 antibody (AP0515). SKOV3 cells were treated by EGF. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



Immunohistochemistry of paraffinembedded mouse pancreas using Phospho-NOS3-S1177 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffinembedded mouse spinal cord using Phospho-NOS3-S1177 antibody at dilution of 1:200 (40x lens).