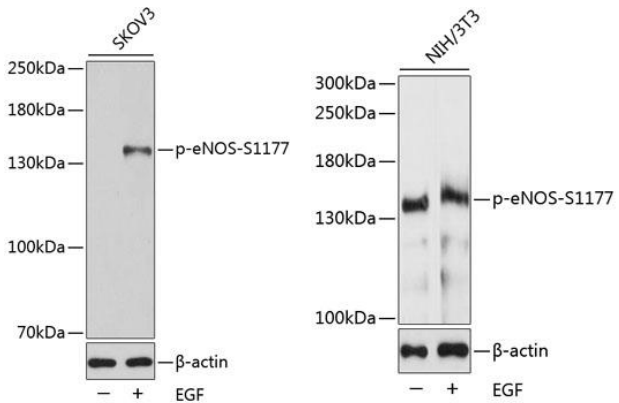
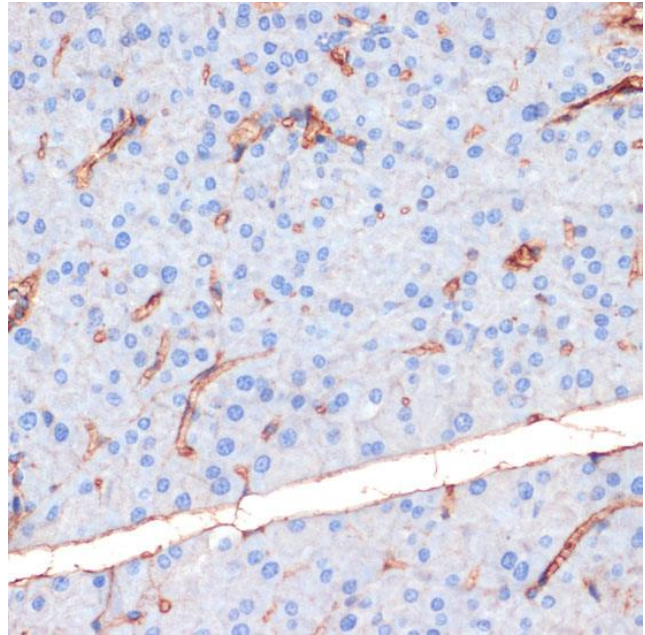


| | |
|--------------------------|---|
| Product name: | Phospho-eNOS-S1177 |
| Cat number: | ABP-0515 |
| Conjugate: | Unconjugated |
| Size: | 100 ug |
| Clone: | Poly |
| Concentration: | 1mg/ml |
| Host: | Rb |
| Isotype: | IgG |
| Immunogen: | A synthetic phosphorylated peptide around S1177 of human eNOS. |
| Reactivity: | Hu, Ms |
| Applications: | Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 |
| Molecular Weight: | 133 kDa |
| Purification: | Affinity purification |
| 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. |

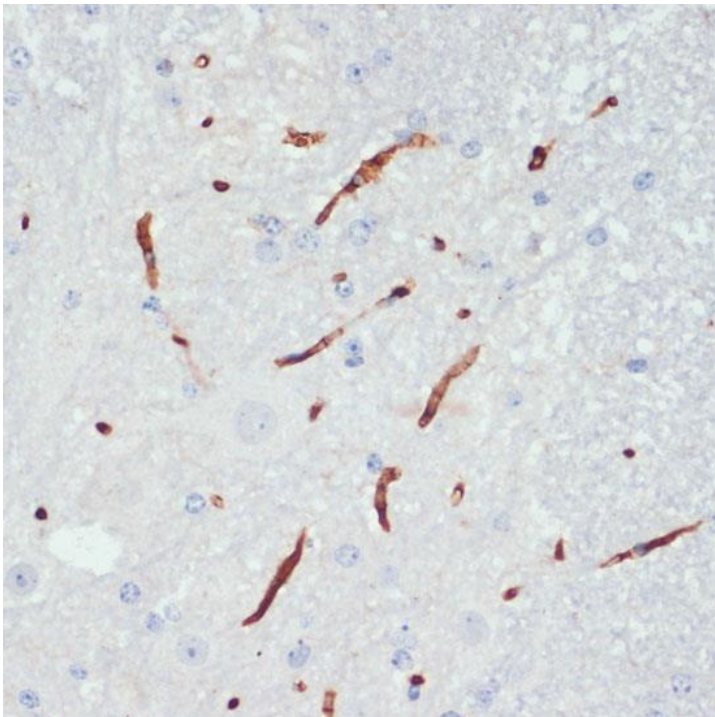


Western blot analysis of extracts of SKOV3 cells, using Phospho-eNOS S1177 antibody. SKOV3 cells were treated by EGF. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

Western blot analysis of extracts of NIH/3T3 cells, using Phospho-eNOS S1177 antibody at 1:1000 dilution. NIH/3T3 cells were treated by EGF (100ng/mL) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL West Pico Plus. Exposure time: 60s.



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



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