

**eNOS Monoclonal Antibody(Mix)**  
Catalog # AP63385**Specification****eNOS Monoclonal Antibody(Mix) - Product Information**

Application	WB
Primary Accession	<a href="#">P29474</a>
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

**eNOS Monoclonal Antibody(Mix) - Additional Information****Gene ID** 4846**Other Names**

NOS3; Nitric oxide synthase, endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII

**Dilution**

WB~~WB: 1:500-2000

**Format**

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

**Storage Conditions**

-20°C

**eNOS Monoclonal Antibody(Mix) - Protein Information****Name** NOS3 ([HGNC:7876](#))**Function**

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway (PubMed: [1378832](http://www.uniprot.org/citations/1378832)). NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

**Cellular Location**

Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus. Note=Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity

**Tissue Location**

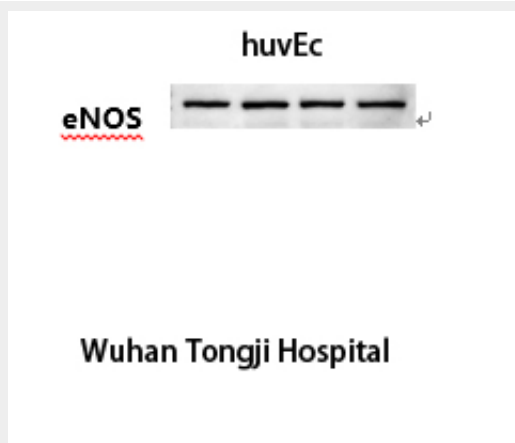
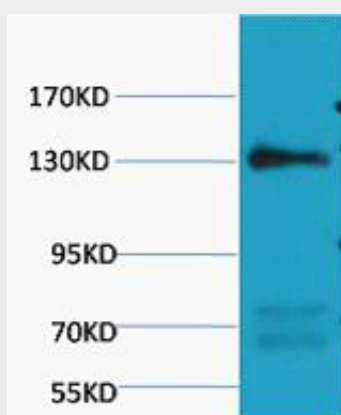
Platelets, placenta, liver and kidney.

## eNOS Monoclonal Antibody(Mix) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## eNOS Monoclonal Antibody(Mix) - Images



## eNOS Monoclonal Antibody(Mix) - Background

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