eNOS(Phospho-Ser1177) Antibody

Catalog No: #11156



Package Size: #11156-1 50ul #11156-2 100ul #11156-4 25ul

Overview

Product Name	eNOS(Phospho-Ser1177) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	eNOS
Modification	Phospho-Ser1177
Alternative Names	Constitutive NOS; EC-NOS; ECNOS; NOS3; NOSIII

Application Details

redicted MW: 140kd	
nmunohistochemistry: 1:50~1:100	
nmunofluorescence: 1:100~1:200	

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using eNOS(Phospho-Ser1177) Antibody #11156(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using eNOS(Phospho-Ser1177) Antibody #11156.

Descriptions	
Immunogen	Peptide sequence around phosphorylation site of serine 1177 (T-Q-S(p)-F-S) derived from Human eNOS.
Specificity	The antibody detects endogenous level of eNOS only when phosphorylated at serine 1177.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates.
	Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho
	specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02%
	sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P29474NCBI Protein: NP_000594.2

Related Information

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

Fulton, D. et al. (1999) Nature 399, 597-601.

Harris, M.B. et al. (2001) J. Biol. Chem. 276, 16587-16591.

Thomas, S.R. et al. (2002) J. Biol. Chem. 277, 6017-6024.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.