Immunotag™ Phospho-eNOS (Ser1177) Antibody

Antibody Specification

Catalog No.	ITA1018
Product Description	Immunotag™ Phospho-eNOS (Ser1177) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-eNOS (Ser1177)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human eNOS around the phosphorylation site of Serine 1177
Specificity	Phospho-eNOS (Ser1177) Antibody detects endogenous levels of eNOS only when phosphorylated at Serine 1177
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	PBS, pH 7.4,50% glycerol.
Gene Name	NOS3
Accession No.	P29474
Alternate Names	cNOS; Constitutive NOS; EC NOS; EC-NOS; ecNOS; Endothelial nitric oxidase synthase; Endothelial nitric oxide synthase; Endothelial nitric oxide synthase 3; Endothelial NOS; eNOS; Nitric oxide synthase 3 (endothelial cell); Nitric oxide synthase 3; Nitric oxide synthase 3 endothelial cell; Nitric oxide synthase endothelial; Nitric oxide synthase, endothelial; NOS 3; NOS III; NOS type III; NOS3; NOS3_HUMAN; NOSIII;

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Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	140kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.

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