

Immunotag™ Phospho-eNOS (Thr494) Antibody

Antibody Specification	
Catalog No.	ITA1019
Product Description	Immunotag™ Phospho-eNOS (Thr494) 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 (Thr494)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000, IF/ICC 1:100-1:500
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 Threonine 494
Specificity	Phospho-eNOS (Thr494) Antibody detects endogenous levels of eNOS only when phosphorylated at Threonine 494
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NOS3
Accession No.	P29474

Antibody Specification

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;
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.