



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti Human Endothelial Nitric Oxide Synthase (eNOS)

Catalog No. MD-14-0268	Species Human
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Preparation

Host Animal: Rabbit
Immunogen: eNOS (2-11 Cys¹²) covalently attached to a carrier protein.

Specificity

Recognizes Human Endothelial Nitric Oxide Synthase (eNOS). Specific for the amino terminal of eNOS. It recognizes the non-myristylated form best, but does cross-react ~50% with the myristylated form of eNOS. This antisera has been characterized by Western blotting, ELISA, and cell staining techniques using synthetic peptides and recombinant whole proteins. Also recognizes rat eNOS.

Cross-reactivity:

eNOS (2-11 Cys ¹²)	100%
recombinant eNOS (NOS type III)	100%
eNOS (cap-2-11Cys ¹²)	50%
recombinant myristylated eNOS (myristylated NOS type III)	50%
recombinant hnNOS (NOS type I)	0%
recombinant hiNOS (NOS type II)	0%

Formulation

Format: Neat, Lyophilized.
Reconstitute with 0.1ml PBS containing 10mg/ml BSA or with additional buffer for more dilute antibody.

Concentration: Not applicable.
Buffer: Not applicable.
Preservative: None

Storage

Store lyophilized product at 2-8°C (preferably in a dessicator).
After reconstitution, aliquot and store at -20°C.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			•	
Western Blotting	•			1:800
Immunohistology			•	
Immunocytochemical detection	•			
Flow Cytometry			•	
Immunofluorescence staining	•			1:400
Competitive RIA			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

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