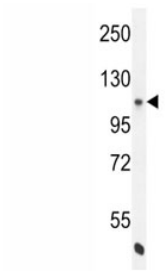
eNos Antibody / NOS3 (F41725)

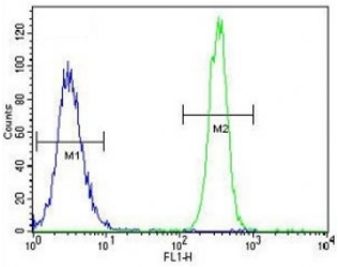
Catalog No.	Formulation	Size
F41725-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41725-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

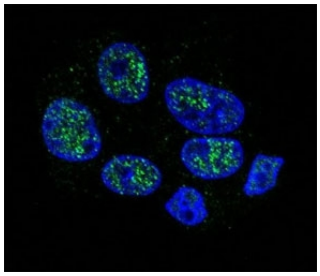
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Bovine, Pig
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P29474
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50 Immunofluorescence: 1:10-1:50
Limitations	This eNos antibody is available for research use only.



eNos antibody western blot analysis in K562 lysate



eNos antibody flow cytometric analysis of K562 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Confocal immunofluorescent analysis of eNos antibody with HepG2 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).

Description

eNos/NOS3 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. [UniProt]

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the eNos antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1156-1183 from the human protein was used as the immunogen for this eNos antibody.

Storage

Store at 4oC for up to one month. For long term, aliquot the eNos antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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