

Nur für Forschungszwecke

# iNOS Polyklonaler Antikörper

Katalog-Nr.:CL488-18985

Vorgestelltes Produkt



## Allgemeine Informationen

Katalog-Nr.:

CL488-18985

Größe:

100ul , Konzentration: 1000 µg/ml von4843

Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM\_000625

GeneID (NCBI):

4843

Vollständiger Name:

nitric oxide synthase 2, inducible

Berechnete Masse:

131 kDa

Beobachtete Masse:

110-130 kDa, 65-70 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

IF 1:50-1:500

Anregungs-/Emissionsmaxima-

Wellenlängen:

493 nm / 522 nm

## Anwendungen

Geprüfte Anwendungen:

FC (Intra), IF

Getestete Reaktivität:

Human, Maus, Ratte

Positivkontrollen:

IF : HeLa-Zellen,

## Hintergrundinformationen

NOS2, also named as iNOS and NOS2A, produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. NO is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission, antimicrobial and antitumoral activities. NOS2 is a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. iNOS has a very short half-life due to rapid degradation by calpain. iNOS monomer is a direct substrate of calpain I and can be cleaved by calpain I at the canonical CaM-binding site(503-532aa) of iNOS, and then a ~70kD band can be detected by western (PMID:11786228). This antibody is specific to NOS2.

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Vor Licht schützen.

Lagerungspuffer:

BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

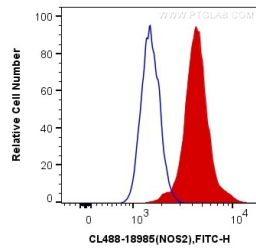
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

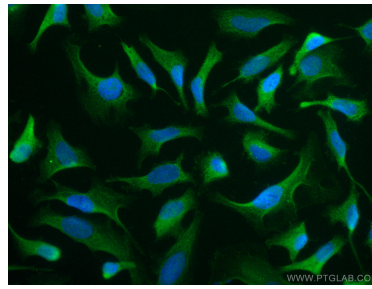
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 µg CoraLite® Plus 488 Anti-Human iNOS (CL488-18985) (red), or 0.4 µg Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 iNOS antibody (CL488-18985) at dilution of 1:100. Blue (DAPI).