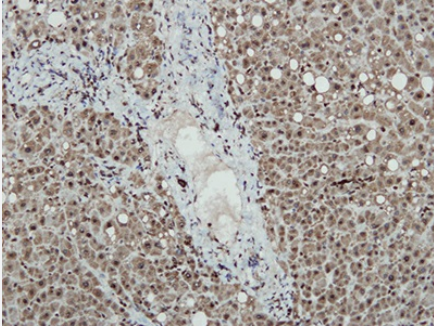


NOS2 monoclonal antibody, clone K13-A

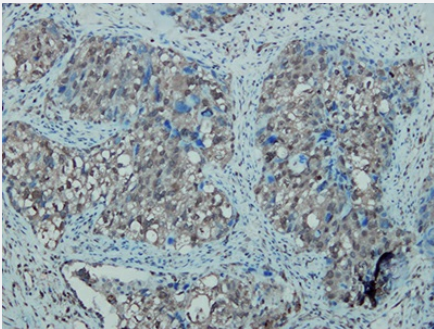
Catalog # MAB23253 Size 7 mL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver tissue with NOS2 monoclonal antibody, clone K13-A (Cat # MAB23253).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung adenocarcinoma tissue with NOS2 monoclonal antibody, clone K13-A (Cat # MAB23253).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human NOS2.
Immunogen	A synthetic peptide corresponding to human NOS2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Immunoaffinity purification

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl, pH 8.0
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver tissue with NOS2 monoclonal antibody, clone K13-A (Cat # MAB23253).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung adenocarcinoma tissue with NOS2 monoclonal antibody, clone K13-A (Cat # MAB23253).

Gene Info — NOS2

Entrez GeneID	4843
Protein Accession#	P35228
Gene Name	NOS2
Gene Alias	HEP-NOS, INOS, NOS, NOS2A
Gene Description	nitric oxide synthase 2, inducible
Omim ID	145500 163730 248310 611162
Gene Ontology	Hyperlink
Gene Summary	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq]
Other Designations	NOS, type II nitric oxide synthase 2A nitric oxide synthase 2A (inducible, hepatocytes) nitric oxide synthase, macrophage

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Arginine and proline metabolism](#)
- [Calcium signaling pathway](#)
- [Long-term depression](#)
- [Metabolic pathways](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Albuminuria](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Angina](#)
- [Angina Pectoris](#)
- [Arthritis](#)
- [Asthma](#)
- [Autistic Disorder](#)
- [Barrett Esophagus](#)
- [Behcet Syndrome](#)
- [beta-Thalassemia](#)
- [Biliary Tract Neoplasms](#)
- [Birth Weight](#)
- [Brain Infarction](#)

- [Brain Ischemia](#)
- [Brain Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Brucellosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Palsy](#)
- [Chagas Disease](#)
- [Chlamydia Infections](#)
- [Chorioamnionitis](#)
- [Cluster Headache](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Cystic Fibrosis](#)
- [Death](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)

- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Erythema Nodosum](#)
- [Esophageal Achalasia](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fetal Membranes](#)
- [Fibrosis](#)
- [Gastritis](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glucosephosphate Dehydrogenase Deficiency](#)
- [Guillain-Barre Syndrome](#)
- [Helicobacter Infections](#)
- [Hepatitis](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)

- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Intracranial Aneurysm](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lewy Body Disease](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Maduromycosis](#)
- [Malaria](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)
- [Myocardial Ischemia](#)
- [Nasal Polyps](#)
- [Neoplasms](#)
- [Neovascularization](#)

- [Nephritis](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Osteomyelitis](#)
- [Osteoporosis](#)
- [Otitis Media](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pain](#)
- [Papillomavirus Infections](#)
- [Parasitemia](#)
- [Parkinson Disease](#)
- [Pneumococcal Infections](#)
- [Postoperative Complications](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Priapism](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Purpura](#)
- [Radiation Injuries](#)

- [Radiation Pneumonitis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Scleroderma](#)
- [Sickle Cell Trait](#)
- [Silicosis](#)
- [Skin Neoplasms](#)
- [Spinal Dysraphism](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Temporal Arteritis](#)
- [Thalassemia](#)
- [Trachoma](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Urologic Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)