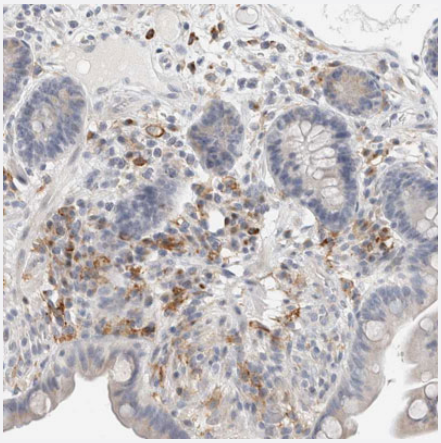
CD14 polyclonal antibody

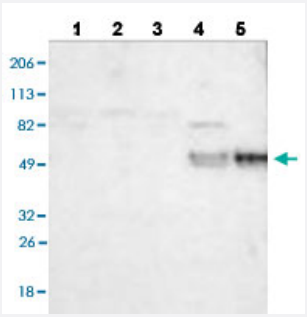
Catalog # PAB30232 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon shows distinct positivity in stromal inflammatory cells with CD14 polyclonal antibody (Cat # PAB30232).



Western Blot

Western blot analysis of Lane 1: RT-4 cell line, Lane 2: U-251MG sp cell line, Lane 3: A-431 cell line, Lane 4: human liver tissue, and Lane 5: human tonsil tissue with CD14 polyclonal antibody (Cat # PAB30232).

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CD14.
Immunogen	Recombinant protein corresponding to amino acids 229 - 370 of human CD14.
Sequence	LRNTGMETPTGVCAALAAAGVQPHSLDLSHNSLRATVNPSAPRCMWSSALNSLNLSFAGLEQV PKGLPAKLRVLDLSCNRLNRAPQPDELPEVDNLTLDGNPFLVPGTALPHEGSMNSGVVPACAR STLSVGVSGTLVLLQG
Host	Rabbit

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Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200 - 1:500) Western Blot (1:100 - 1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Western Blot

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Gene Info — CD14

Entrez GeneID	929
Protein Accession#	P08571
Gene Name	CD14
Gene Alias	-
Gene Description	CD14 molecule
Omim ID	158120
Gene Ontology	Hyperlink

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Gene Summary	CD14 is a surface protein preferentially expressed on monocytes/macrophages. It binds lipopolys accharide binding protein and recently has been shown to bind apoptotic cells. Alternative splicin g results in multiple transcript variants encoding the same isoform. [provided by RefSeq
Other Designations	CD14 antigen|monocyte differentiation antigen CD14

Pathway

- Hematopoietic cell lineage
- MAPK signaling pathway
- Pathogenic Escherichia coli infection - EHEC
- Regulation of actin cytoskeleton
- Toll-like receptor signaling pathway

Disease

- Abortion
- Abscess
- Acute Disease
- Adenocarcinoma
- Aggressive Periodontitis
- Airway Obstruction
- Alcoholism
- Alveolar Bone Loss
- Alzheimer disease
- Amyloidosis
- Anaphylaxis
- Angina
- Angina Pectoris
- Appendicitis

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- Arteriosclerosis
- Arthritis
- Asthma
- Atherosclerosis
- Atrophy
- Bacteremia
- Biliary Atresia
- Birth Weight
- Brain Ischemia
- Bronchial Hyperreactivity
- Bronchiolitis
- Brucellosis
- Burns
- Cadaver
- Calcinosis
- Campylobacter Infections
- Cardiovascular Diseases
- Carotid Artery Diseases
- Carotid Stenosis
- Celiac Disease
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chlamydia Infections
- Chlamydophila Infections
- Cholestasis

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- Chorioamnionitis
- Chronic Disease
- Chronic Periodontitis
- Colitis
- Colorectal Neoplasms
- Communicable Diseases
- Conjunctivitis
- Connective Tissue Diseases
- Constriction
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Coronary Stenosis
- Critical Illness
- Crohn Disease
- Cystic fibrosis
- Cytomegalovirus Infections
- Dermatitis
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Eczema
- Edema
- Encephalitis
- Enterocolitis
- Enterovirus Infections

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- Eosinophilia
- Erythema Nodosum
- Esophageal Neoplasms
- Fallopian Tube Diseases
- Familial Mediterranean fever
- Fetal Diseases
- Fetal Membranes
- Food Hypersensitivity
- Gastritis
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Glomerulonephritis
- Graft vs Host Disease
- Gram-Negative Bacterial Infections
- Guillain-Barre Syndrome
- Helicobacter Infections
- Hepatic Encephalopathy
- Hepatitis B
- Hepatitis C
- Herpesviridae Infections
- Hodgkin Disease
- Hypersensitivity
- Hypertension
- Infant
- Infection

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- Inflammation
- Inflammatory Bowel Diseases
- Intracranial Arteriosclerosis
- Ischemia
- Kidney Diseases
- Kidney Failure
- Leukemia
- Liver Cirrhosis
- Liver Diseases
- Lung Diseases
- Lung Neoplasms
- Lymphoma
- Meningeal Neoplasms
- Meningioma
- Meningococcal Infections
- Migraine Disorders
- Mucocutaneous Lymph Node Syndrome
- Multiple Organ Failure
- Multiple Sclerosis
- Musculoskeletal Diseases
- Myocardial Infarction
- Myocardial Ischemia
- Narcolepsy
- Nasal Obstruction
- Obesity
- Obstetric Labor

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- Occupational Diseases
- Osteoporosis
- Otitis Media
- Pancreatic Neoplasms
- Pancreatitis
- Parkinson disease
- Periapical Periodontitis
- Periodontal Attachment Loss
- Periodontal Pocket
- Periodontitis
- Peripheral Vascular Diseases
- Pneumococcal Infections
- Pneumonia
- Pouchitis
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prenatal Exposure Delayed Effects
- Prostatic Neoplasms
- Proteinuria
- Pseudomonas Infections
- Psoriasis
- Puerperal Disorders
- Pulmonary Disease
- Recurrence
- Respiratory Sounds

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- Respiratory Syncytial Virus Infections
- Rhinitis
- Sarcoidosis
- Schizophrenia
- Sepsis
- Severe Acute Respiratory Syndrome
- Shock
- Skin Diseases
- Spondylarthropathies
- Spondylitis
- Stomach Neoplasms
- Streptococcal Infections
- Stroke
- Syndrome
- Systemic Inflammatory Response Syndrome
- Thromboangiitis Obliterans
- Thrombosis
- Tooth Diseases
- Toxoplasmosis
- Trachoma
- Tuberculosis
- Urinary Bladder Neoplasms
- Vaginosis
- Werner syndrome
- Wounds
- Wounds and Injuries

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