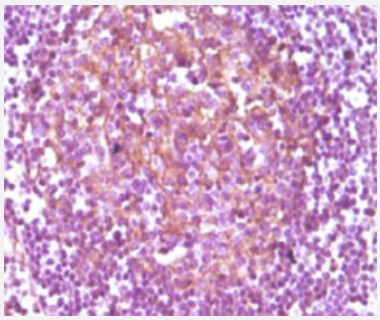
CD14 monoclonal antibody, clone 5A3B11B5

Catalog # MAB5572 Size 100 uL

Applications



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

Immunohistochemical analysis of paraffin-embedded human normal lymph node, showing membrane staining, using CD14 monoclonal antibody, clone 5A3B11B5 (Cat # MAB5572). HRP-anti-mouse was used as the secondary antibody before development with DAB.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human CD14.
Immunogen	Recombinant protein corresponding to full length human CD14.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:400) Immunohistochemistry (Frozen sections) (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	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.

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Applications

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

  Immunohistochemical analysis of paraffin-embedded human normal lymph node, showing membrane staining, using CD14 monoclonal antibody, clone 5A3B11B5 (Cat # MAB5572). HRP-anti-mouse was used as the secondary antibody before development with DAB.

- Immunohistochemistry (Frozen sections)

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CD14

Entrez GeneID	929
Gene Name	CD14
Gene Alias	-
Gene Description	CD14 molecule
Omim ID	158120
Gene Ontology	Hyperlink
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

Publication Reference

- An atlas of mouse mammary gland development.

  Richert MM, Schwertfeger KL, Ryder JW, Anderson SM.

  Journal of Mammary Gland Biology and Neoplasia 2000 Apr; 5(2):227.

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- A developmental atlas of rat mammary gland histology.

  Masso-Welch PA, Darcy KM, Stangle-Castor NC, Ip MM.

  Journal of Mammary Gland Biology and Neoplasia 2000 Apr; 5(2):165.

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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