PAB246Hu08

Polyclonal Antibody to Cytokeratin Fragment Antigen 21-1 (CYFRA21-1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Polyclonal antibody preparation
Host: Rabbit
Purification: Antigen-specific Affinity Chromatography.
Traits: Liquid
Concentration: 200μg/mL
UOM: 100μg
Applications: ICC; IHC-P; IHC-F; ELISA; IP; IF; FCM.

[IMMUNOGEN]

Immunogen: Synthetic Peptide, CYFRA21-1 conjugated to OVA
Accession No.: CPB246Hu21
Sequence: The target peptide sequence is listed below.

LADVR

ADSERQNQE

[APPLICATIONS]

Immunocytochemistry in formalin fixed cells: 5-20ug/ml
Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml
Immunohistochemistry in paraffin section: 5-20ug/ml
Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml
Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.
Store at 4^{o}C for frequent use.
Aliquot and store at -20^{o}C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

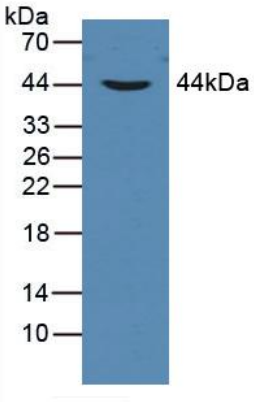

Figure 1. Western Blot

Sample: Human Lung Tissue

Primary Ab: 3μg/mL Rabbit Anti-Human CYFRA21-1 Ab

Second Ab: 1:2000 Dilution of HRP-Linked Guinea pig Anti-Rabbit Ab (Catalog: SAA544Rb59)

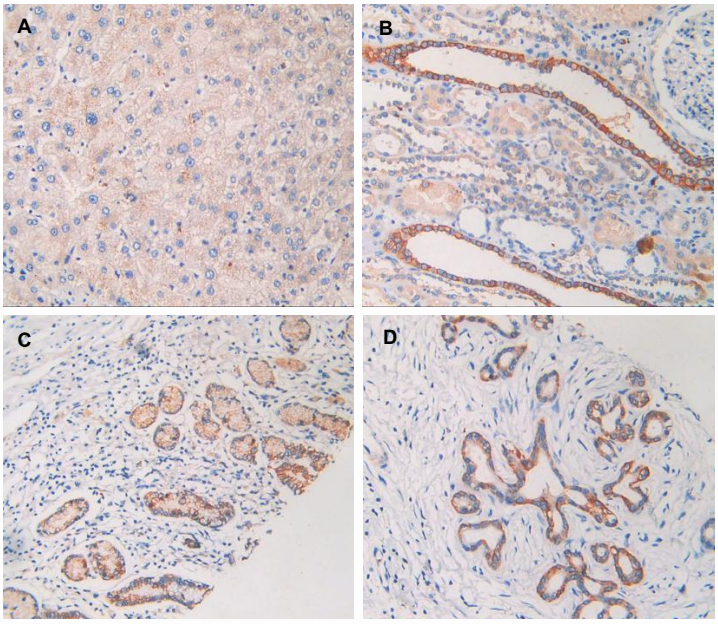

Figure 2. DAB staining on IHC-P

Samples:

A. Human Liver Tissue

B. Human Kidney Tissue

C. Human Stomach Tissue

D. Human Pancreas Cancer Tissue