

Cytokerin 18 Recombinant antibody

Cat:B36286S

Company: HaoKebio

Uniprot ID:P05783

Applications: IHC:1:50-1:500

Organism:Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity:Human Mouse Rat

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 48 kDa

WB:1:2000-1:10000

Observed Molecular Weight: 48 kDa

Background:

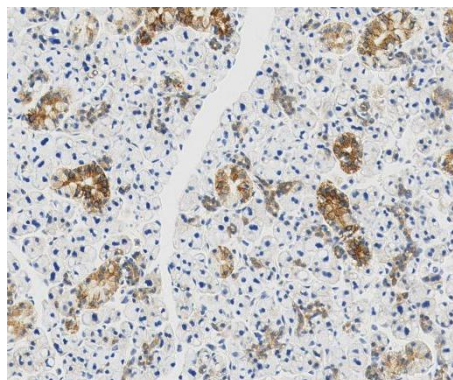
Store at -20 °C for one year.

Cytokeratin 18, also known as CK18, is a type I intermediate filament protein which is found primarily in non squamous epithelia and is present in a majority of adenocarcinomas and ductal carcinomas but not in squamous cell carcinomas. CK18 and its coexpressed complementary type II keratin partner, CK8, are persistently expressed in a variety of adult epithelial organs, such as the liver, lung, kidney, pancreas, gastrointestinal tract, and mammary gland, and are also expressed by cancers that arise from these tissues. In the absence of CK8, the CK18 protein is degraded and keratin intermediate filaments are not formed.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse tumor, 4% PFA 12-24h

Synonyms:

KRT18, 4F2, Cell proliferation-inducing gene 46 protein, CK 18, CK18

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Source of Reagents:

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