

For Research Use Only

Cytokeratin 18 Recombinant antibody, PBS Only

Catalog Number: 82817-5-PBS



Basic Information

Catalog Number:

82817-5-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1260

GenBank Accession Number:

BC000180

GeneID (NCBI):

3875

UNIPROT ID:

P05783

Full Name:

keratin 18

Calculated MW:

48 kDa

Observed MW:

48 kDa

Purification Method:

Protein A purification

CloneNo.:

4F2

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

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.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

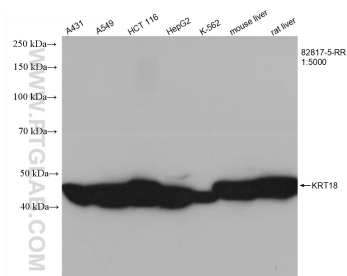
T: 4006900926

E: Proteintech-CN@ptglab.com

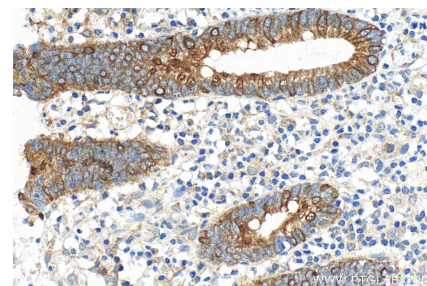
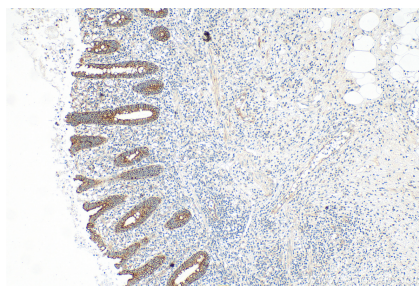
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82817-5-RR (KRT18 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82817-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Cytokeratin 18 antibody (82817-5-RR, Clone: 4F2) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 82817-5-PBS in a different storage buffer formulation.