

For Research Use Only

Cytokeratin 18 Recombinant antibody, PBS Only

Catalog Number: 82817-5-PBS



Basic Information

Catalog Number: 82817-5-PBS	GenBank Accession Number: BC000180	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 3875	CloneNo.: 4F2
Source: Rabbit	UNIPROT ID: P05783	
Isotype: IgG	Full Name: keratin 18	
Immunogen Catalog Number: AG1260	Calculated MW: 48 kDa	
	Observed MW: 48 kDa	

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

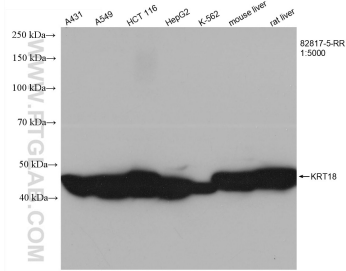
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

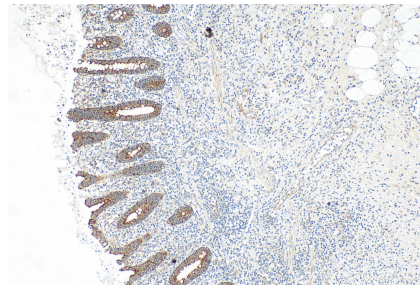
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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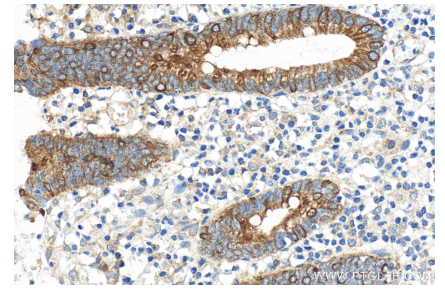
Selected Validation Data



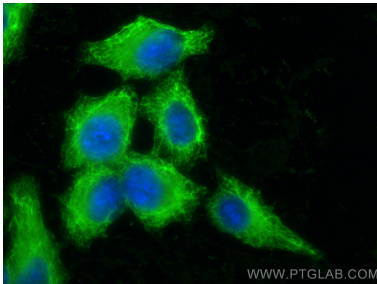
Various lysates were subjected to SDS PAGE followed by western blot with 82817-5-RR (KRT18 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82817-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 82817-5-RR (Cytokeratin 18 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82817-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 82817-5-RR (Cytokeratin 18 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). 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.