

For Research Use Only

PLEK2 Polyclonal antibody

Catalog Number: 11685-1-AP

Featured Product

14 Publications



Basic Information

Catalog Number: 11685-1-AP	GenBank Accession Number: BC001226	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 26499	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: pleckstrin 2	
Isotype: IgG	Calculated MW: 353 aa, 40 kDa	
Immunogen Catalog Number: AG2297	Observed MW: 38-40 kDa	

Applications

Tested Applications:
FC, IF, IHC, WB, ELISA

Cited Applications:
CoIP, IF, IHC, IP, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HT-29 cells, U2OS cells, Caco-2 cells, PC-3 cells

IHC: human pancreas cancer tissue, mouse spleen tissue

IF: HT-29 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Feng Wang	34601488	Cell Death Dis	WB,IHC
Baobing Zhao	29202466	J Clin Invest	WB,IHC
Yang Liu	34084215	Oncol Lett	WB,IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

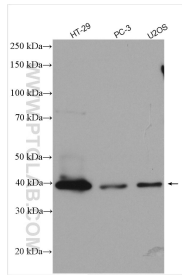
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

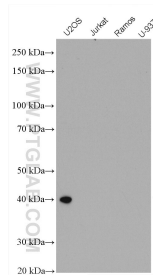
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

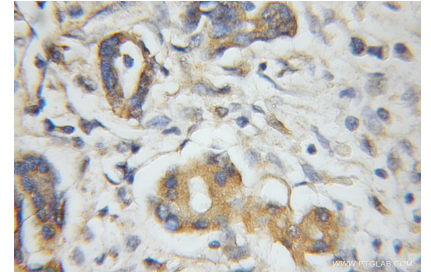
Selected Validation Data



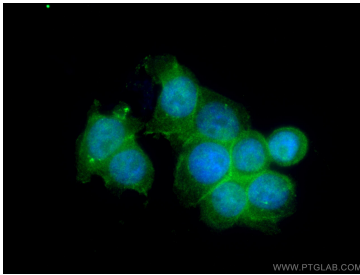
Various lysates were subjected to SDS PAGE followed by western blot with 11685-1-AP (PLEK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



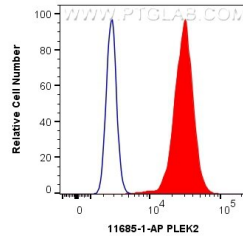
U2OS (positive), Jurkat, Ramos, and U-937 (negative) cells were subjected to SDS PAGE followed by western blot with 11685-1-AP (PLEK2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 11685-1-AP (PLEK2 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed HT-29 cells using PLEK2 antibody (11685-1-AP) at dilution of 1:200 and CoralLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 HT-29 cells were intracellularly stained with 0.4 μ g Anti-Human PLEK2 (11685-1-AP) and CoralLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Rabbit IgG control Rabbit PolyAb (30000-O-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).