

For Research Use Only

# SMEK2 Polyclonal antibody

Catalog Number: 20348-1-AP

1 Publications



## Basic Information

**Catalog Number:**

20348-1-AP

**Size:**

800 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG14156

**GenBank Accession Number:**

BC060855

**GeneID (NCBI):**

57223

**UNIPROT ID:**

Q5MIZ7

**Full Name:**

SMEK homolog 2, suppressor of mek1 (Dictyostelium)

**Calculated MW:**

849 aa, 97 kDa

**Observed MW:**

94-97 kDa, 87 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IHC 1:20-1:200

IF 1:20-1:200

## Applications

**Tested Applications:**

IF/ICC, IHC, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**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 :** HEK-293 cells, A2780 cells, HeLa cells, MCF-7 cells

**IHC :** human cervical cancer tissue,

**IF :** HEK-293 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Shujuan Tong	32565934	Oncol Lett	WB

## 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

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

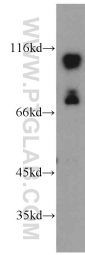
T: 4006900926

E: Proteintech-CN@ptglab.com

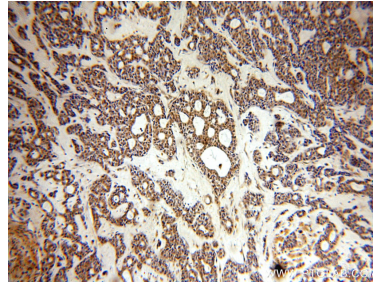
W: ptgcn.com

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

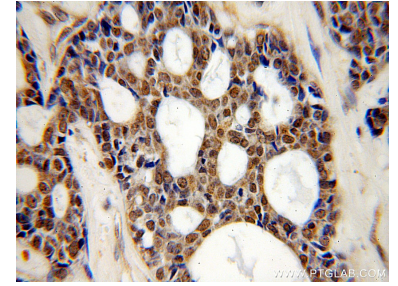
## Selected Validation Data



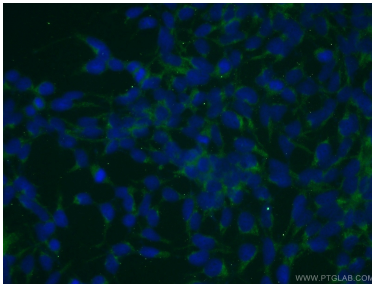
HEK-293 cells were subjected to SDS PAGE followed by western blot with 20348-1-AP (SMEK2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20348-1-AP (SMEK2 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20348-1-AP (SMEK2 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 20348-1-AP (SMEK2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).