

# SMURF2 Rabbit mAb

Catalog No.: A2278

Recombinant

7 Publications

## Basic Information

### Observed MW

86kDa

### Calculated MW

86kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IP,ELISA

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC1897

## Background

Enables SMAD binding activity; identical protein binding activity; and ubiquitin-protein transferase activity. Involved in negative regulation of transforming growth factor beta receptor signaling pathway; positive regulation of trophoblast cell migration; and ubiquitin-dependent SMAD protein catabolic process. Located in nuclear speck. Part of ubiquitin ligase complex.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:200 - 1:800

**IP** 0.5µg-4µg antibody for  
400µg-600µg extracts of  
whole cells

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

64750

### Swiss Prot

Q9HAU4

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

SMURF2; E3 ubiquitin-protein ligase SMURF2

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

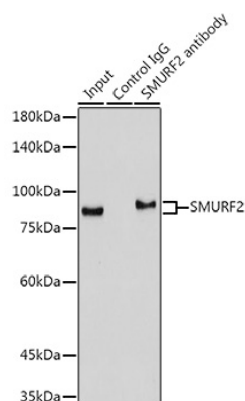
Affinity purification

### Storage

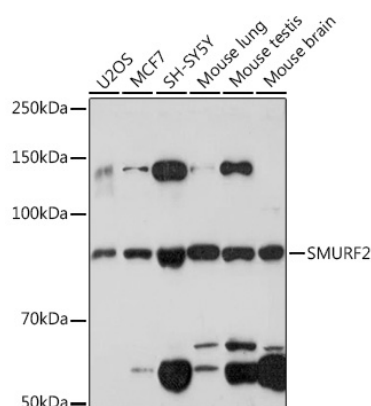
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

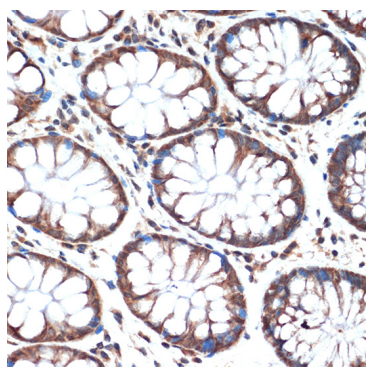
## Validation Data



Immunoprecipitation analysis of 300 µg extracts of Mouse lung using 3 µg SMURF2 antibody (A2278). Western blot was performed from the immunoprecipitate using SMURF2 antibody (A2278) at a dilution of 1:1000.



Western blot analysis of various lysates using SMURF2 Rabbit mAb (A2278) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded Human colon using SMURF2 Rabbit mAb (A2278) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.