

A2278

Leader in Biomolecular Solutions for Life Science



SMURF2 Rabbit mAb

Catalog No.: A2278

Recombinant

7 Publications

Basic Information

Observed MW

86kDa

Calculated MW

86kDa

Category

SMab Recombinant Monoclonal
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

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

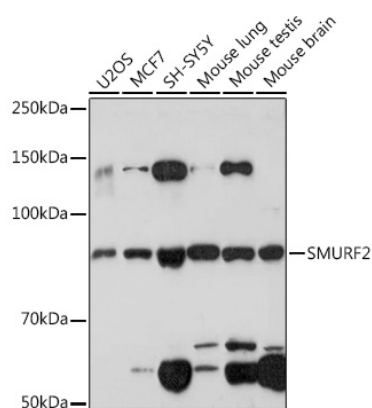
Store at -20°C. Avoid freeze / thaw cycles.

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

Contact

 www.abclonal.com

Validation Data



Western blot analysis of various lysates using SMURF2 Rabbit mAb (A2278) at 1:1000 dilution.

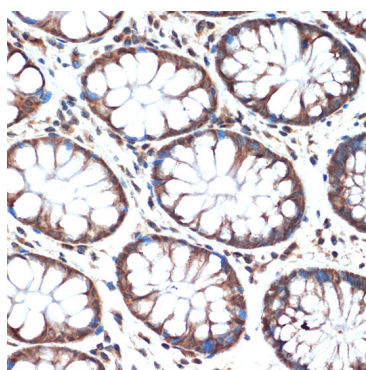
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.