A3247

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[KO Validated] SMARCB1/SNF5 Rabbit mAb

Catalog No.: A3247 KO Validated Recombinant

Basic Information

Observed MW
44kDa/

Calculated MW
44kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
WB,IHC-P,IP,ELISA

Cross-Reactivity
Human,Mouse,Rat

CloneNo number
ARC53139

Background

The protein encoded by this gene is part of a complex that relieves repressive chromatin structures, allowing the transcriptional machinery to access its targets more effectively. The encoded nuclear protein may also bind to and enhance the DNA joining activity of HIV-1 integrase. This gene has been found to be a tumor suppressor, and mutations in it have been associated with malignant rhabdoid tumors. Alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB	1:1000 - 1:5000
IHC-P	1:50 - 1:200
IP	0.5μg-4μg antibody for 200μg-400μg 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
6598

Swiss Prot
Q12824

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
RDT; CSS3; INI1; SNF5; Snr1; BAF47; INI-1; MRD15; RTPS1; Sfh1p; hSNFS; SNF5L1; SWNTS1; PPP1R144; F5

Product Information

Source
Rabbit

Isotype
IgG

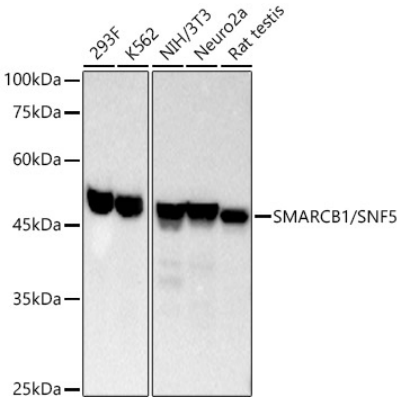
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

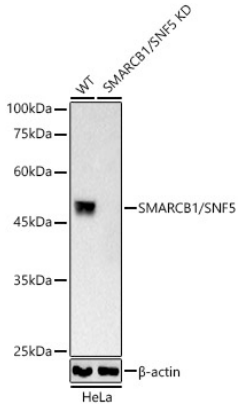
Contact

www.abclonal.com

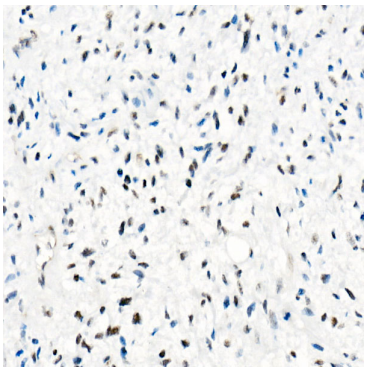
Validation Data



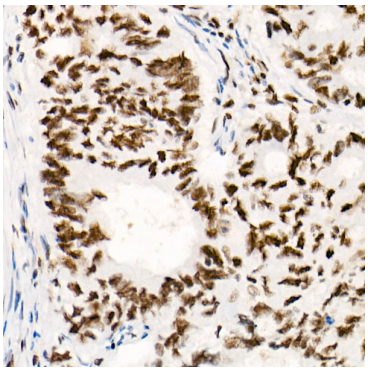
Western blot analysis of various lysates, using SMARCB1/SNF5 Rabbit mAb (A3247) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:2000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



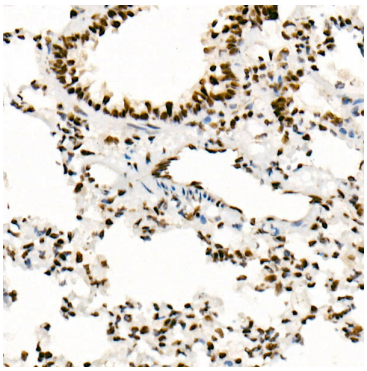
Western blot analysis of lysates from wild type(WT) and SMARCB1/SNF5 Rabbit mAb knockout (KO) HeLa(KO) cells, using SMARCB1/SNF5 Rabbit mAb (A3247) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human epithelioid sarcoma (ini-1 deletion) using [KO Validated] SMARCB1/SNF5 Rabbit mAb (A3247) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

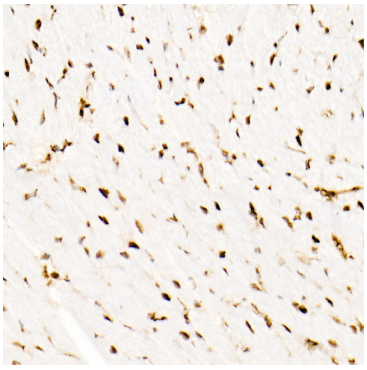


Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using [KO Validated] SMARCB1/SNF5 Rabbit mAb (A3247) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

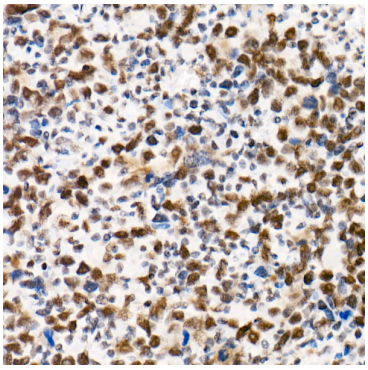


Immunohistochemistry analysis of paraffin-embedded Rat lung using [KO Validated] SMARCB1/SNF5 Rabbit mAb (A3247) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

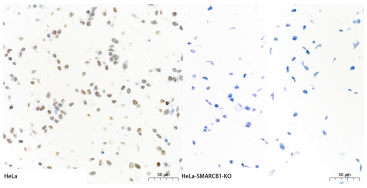
Validation Data



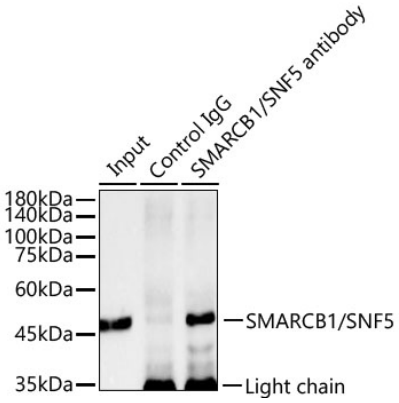
Immunohistochemistry analysis of paraffin-embedded Mouse heart using [KO Validated] SMARCB1/SNF5 Rabbit mAb (A3247) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human undifferentiated carcinoma of esophagus using [KO Validated] SMARCB1/SNF5 Rabbit mAb (A3247) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded HeLa and HeLa-SMARCB1-KO cells using [KO Validated] SMARCB1/SNF5 Rabbit mAb (A3247) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunoprecipitation of from 300 µg extracts of 293F cells was performed using 3 µg of [KO Validated] SMARCB1/SNF5 Rabbit mAb (A3247). Rabbit IgG isotype control (AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using [KO Validated] SMARCB1/SNF5 Rabbit mAb (A3247) at a dilution of 1:12000.