

## Anti-SMARCB1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Chicken, Cow, Horse, Rabbit)
Molecular Weight:	Theoretical: 44 kDa.
Purification:	Protein A purified

## Applications

1. Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (SNF5) Polyclonal Antibody, Unconjugated (TMAB-12958) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

2. Blank control: A549.

Primary Antibody (green line): Rabbit Anti-SNF5 antibody (TMAB-12958)

Dilution: 1 µg / 10<sup>6</sup> cells;

Verified Activity: Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody: Goat anti-rabbit IgG-PE

Dilution: 3 µg / test.

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Application: IHC-P, IHC-Fr, IF, FCM

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 3µg/Test

## Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

Immunogen: KLH conjugated synthetic peptide: human SNF5

Antigen Species: Human

Gene ID: 6598

Uniprot ID: Q12824

## Research Background

SNF5 is involved in transcriptional activation. The SWI/SNF complex is required for the induced expression of a large number of genes. This complex alters chromatin structure to facilitate binding of gene-specific dedicated

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transcription factors. SNF5 also functions as a tumor suppressor gene and is frequently mutated in malignant rhabdoid tumors. It is also involved in adipocyte differentiation.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481