

## Anti-SMARCC1 Antibody (3C369)

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Rat)
Molecular Weight:	Theoretical: 123 kDa. Actual: 160 kDa.
Clone:	3C369
Purification:	Protein A purified

## Applications

Verified Activity:	<p>1. 25 ug total protein per lane of various lysates (see on figure) probed with SMARCC1 monoclonal antibody, unconjugated (TMAB-12961) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p> <p>2. The HeLa (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-SMARCC1 antibody (TMAB-12961, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p>
Application:	WB,ICC/IF,IP,FCM
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200; IP: 1:20-50; FCM: 1:50-100

## 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:	A synthesized peptide: human SMARCC1
Antigen Species:	Human
Gene ID:	6599
Uniprot ID:	Q92922

## Research Background

Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Component of SWI/SNF chromatin remodeling complexes that carry out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner. May stimulate the ATPase activity of the catalytic subunit of the complex.

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

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