

## Anti-SMARCA5 Antibody (5G359)

### Product Details

Ig Type:	IgG2b/Kappa
Reactivity:	Human
Molecular Weight:	Theoretical: 122 kDa.
Clone:	5G359
Purification:	Protein G purified

### Applications

Verified Activity:	1. Cell line: HeLa
	Fixative: 4% Paraformaldehyde
	Permeabilization: 0.1% TritonX-100
	Primary Ab dilution: 1:100
	Primary incubation condition: 4°C overnight
	Secondary Ab: Goat Anti-Mouse IgG
	Nuclear counter stain: DAPI (Blue)
	Counter stain: Tubulin (Red)
	Comment: Color green is the positive signal for TMAB-12956
	2. Blocking buffer: 5% NFDM/TBST
	Primary Ab dilution: 1: 2000
	Primary Ab incubation condition: 2 hours at room temperature
	Secondary Ab: Goat Anti-Mouse IgG H&L (HRP)
	Lysate: 1: MCF-7
Protein loading quantity: 20 µg	
Exposure time: 60 s	
Predicted MW: 120 kDa	
Observed MW: 120 kDa	
Application:	WB,ICC/IF
Recommended	WB: 1:500-2000; ICC/IF: 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**

Gene ID: 8467

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**Research Background**

The protein encoded by this gene is a member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The protein encoded by this gene is a component of the chromatin remodeling and spacing factor RSF, a facilitator of the transcription of class II genes by RNA polymerase II. The encoded protein is similar in sequence to the Drosophila ISWI chromatin remodeling protein. [provided by RefSeq, Jul 2008]

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