

**Product Name: TRIM21 (5B9) Mouse Monoclonal Antibody**  
**Catalog #: AMM03556**

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## Summary

<b>Production Name</b>	TRIM21 (5B9) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	TRIM21
<b>Alternative Names</b>	SSA; RO52; SSA1; RNF81; Ro/SSA
<b>Gene ID</b>	6737
<b>SwissProt ID</b>	P19474

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000
<b>Molecular Weight</b>	Calculated MW: 54 kDa; Observed MW: 50 kDa

## Background

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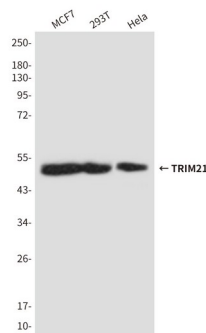
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This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The encoded protein is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The RoSSA particle localizes to both the cytoplasm and the nucleus. RoSSA interacts with autoantigens in patients with Sjogren syndrome and systemic lupus erythematosus. Alternatively spliced transcript variants for this gene have been described but the full-length nature of only one has been determined.

### Research Area

Epigenetics and Nuclear Signaling

### Image Data



Western blot analysis of TRIM21 in MCF-7, 293T and HeLa lysates using TRIM21 antibody.

### Note

For research use only.