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**Product Name: TRIM21 Mouse Monoclonal Antibody****Catalog #: AMM85011**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide, 0.5% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

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

**Antigen Information**

<b>Gene Name</b>	TRIM21
<b>Alternative Names</b>	SSA; RO52; SSA1; RNF81; Ro/SSA
<b>Gene ID</b>	6737.0
<b>SwissProt ID</b>	P19474
<b>Immunogen</b>	Purified recombinant human TRIM21 protein fragments expressed in E.coli.

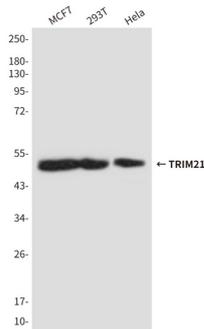
**Background**

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

## Image Data



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