

**Product Name: SND1/P100 Mouse Monoclonal Antibody****Catalog #: AMM80662**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA
<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>	PBS containing 0.03% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	102kDa

**Antigen Information**

<b>Gene Name</b>	SND1/P100
<b>Alternative Names</b>	p100; TDRD11; TudorSN
<b>Gene ID</b>	27044.0
<b>SwissProt ID</b>	Q7KZF4
<b>Immunogen</b>	Purified recombinant fragment of SND1 (aa361-485) expressed in E. Coli.

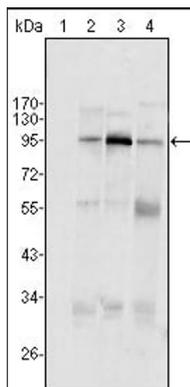
**Background**

SND1/P100 (staphylococcal nuclease and tudor domain containing 1), also known as TudorSN, it functions in the Pim-1 regulation of Myb activity and acts as a transcriptional activator of EBNA-2. It also interacts with EAV, NSP1,GTF2E1 and GTF2E2, and forms a ternary complex with Stat6 and POLR2A. The staphylococcal nuclease-like (SN)-domains directly interact

with amino acids 1099-1758 of CBP. SND1/P100 plays an important role in the assembly of Stat6 transcriptome and stimulates IL-4-dependent transcription by mediating interaction between Stat6 and CBP.

## Research Area

## Image Data



Western blot analysis using SND1/P100 mouse mAb against Hela (1), Jukat (2), HepG2 (3) SMMC-7721 (4) cell lysate.