

SND1/P100 Ab

[Images\(1\)](#)

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|---------------|-----------------|-----------------------|
| Cat.#: BF0451 | Concn.: ~1mg/ml | Mol.Wt.: 102kDa |
| Size: | Source: Mouse | Clonality: Monoclonal |

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|---------------|---|
| Application: | ELISA 1:10000, WB 1:500-1:2000 *The optimal dilutions should be determined by the end user. |
| Reactivity: | Human |
| Storage: | Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt. |
| Purification: | Affinity-chromatography. |
| Immunogen: | Purified recombinant fragment of human SND1/P100 expressed in E. Coli. |
| Uniprot: | Q7KZF4 |
| Description: | 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. |

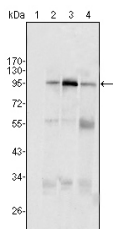


Figure 1: Western blot analysis using SND1/P100 mouse mAb against Hela (1), Jukat (2), HepG2 (3) SMMC-7721 (4) cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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