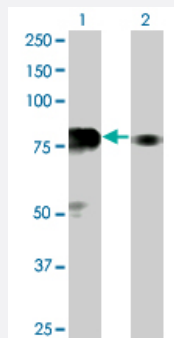


SP100 monoclonal antibody (M02), clone 1G6

Catalog # H00006672-M02

Size 100 ug

Applications

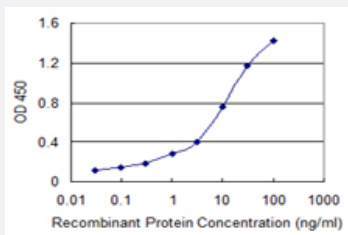


Western Blot (Transfected lysate)

Western Blot analysis of SP100 expression in transfected 293T cell line by SP100 monoclonal antibody (M02), clone 1G6.

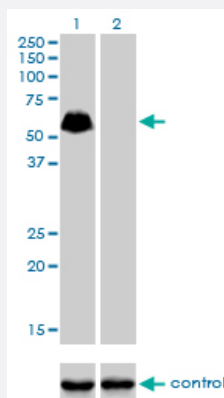
Lane 1: SP100 transfected lysate(100.417 KDa).

Lane 2: Non-transfected lysate.



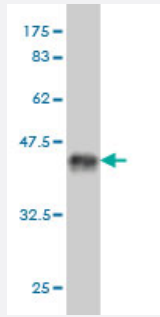
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SP100 is 0.03 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of SP100 over-expressed 293 cell line, cotransfected with SP100 Validated Chimera RNAi (Cat # H00006672-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with SP100 monoclonal antibody (M02), clone 1G6 (Cat # H00006672-M02). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SP100.
Immunogen	SP100 (NP_003104, 1 a.a. ~ 98 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAGGGGDLSTRRLNECISPVANEMNHLPAHSHDLQRMFTEDQGVDDRLLYDIVFKHFKRNKVEIS NAIKKTFPFLEGLRDRDLITNKMFEDESQDSCRN
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SP100 expression in transfected 293T cell line by SP100 monoclonal antibody (M02), clone 1G6.

Lane 1: SP100 transfected lysate(100.417 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SP100 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of SP100 over-expressed 293 cell line, cotransfected with SP100 Validated Chimera RNAi (Cat # H00006672-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with SP100 monoclonal antibody (M02), clone 1G6 (Cat # H00006672-M02). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — SP100

Entrez GeneID [6672](#)

GeneBank Accession# [NM_003113](#)

Protein Accession# [NP_003104](#)

Gene Name SP100

Gene Alias DKFZp686E07254, FLJ00340, FLJ34579

Gene Description SP100 nuclear antigen

Omim ID [604585](#)

Gene Ontology [Hyperlink](#)

Other Designations SP100-HMG nuclear autoantigen|nuclear antigen Sp100

Publication Reference

- [Quantification of the Host Response Proteome after Herpes Simplex 1 Virus infection.](#)

Berard AR, Coombs KM, Severini A.

Journal of Proteome Research 2015 May; 14(5):2121.

Application: WB, Human, HEK293 cells

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniofacial Abnormalities](#)
- [Genetic Predisposition to Disease](#)
- [Mouth Abnormalities](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)