

SP100 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant SP100.

Catalog # AT4006a

Product Information

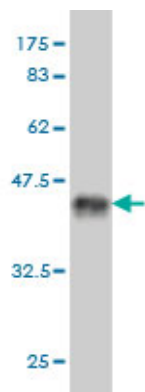
Application	WB, E
Primary Accession	P23497
Other Accession	NM_003113
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1G6
Calculated MW	100417

Additional Information

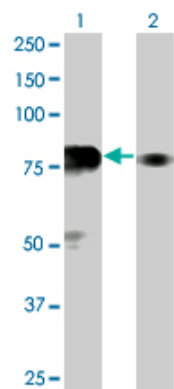
Gene ID	6672
Other Names	Nuclear autoantigen Sp-100, Nuclear dot-associated Sp100 protein, Speckled 100 kDa, SP100
Target/Specificity	SP100 (NP_003104, 1 a.a. ~ 98 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SP100 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

References

An approach based on a genome-wide association study reveals candidate loci for narcolepsy. Shimada M, et al. Hum Genet, 2010 Oct. PMID 20677014. Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Three-dimensional organization of promyelocytic leukemia nuclear bodies. Lang M, et al. J Cell Sci, 2010 Feb 1. PMID 20130140. Common genetic variation and performance on standardized cognitive tests. Cirulli ET, et al. Eur J Hum Genet, 2010 Jul. PMID 20125193. Differential functions of interferon-upregulated Sp100 isoforms: herpes simplex virus type 1 promoter-based immediate-early gene suppression and PML protection from ICP0-mediated degradation. Negorev DG, et al. J Virol, 2009 May. PMID 19279115.



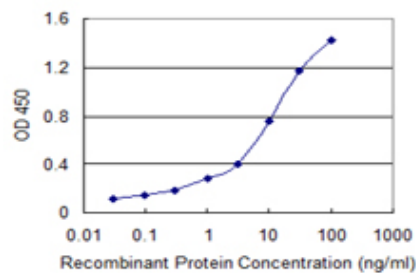
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.52 KDa) .



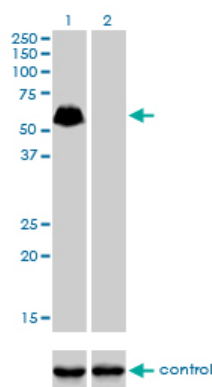
Western Blot analysis of SP100 expression in transfected 293T cell line by SP100 monoclonal antibody (M02), clone 1G6.

Lane 1: SP100 transfected lysate(100.417 KDa).

Lane 2: Non-transfected lysate.



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



Western blot analysis of SP100 over-expressed 293 cell line, cotransfected with SP100 Validated Chimera RNAi (Cat # AT4006a)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.