

# Product Datasheet

## SP1 Antibody (4B11) - Azide and BSA Free H00006667-M05

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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**H00006667-M05**

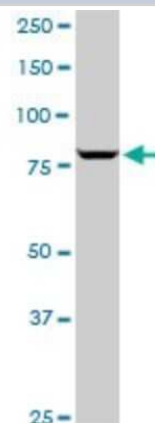
SP1 Antibody (4B11) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4B11
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	6667
<b>Gene Symbol</b>	SP1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	SP1 (4B11)
<b>Immunogen</b>	SP1 (NP_612482, 522 a.a. ~ 618 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QLSSMPGLQTINLSALGTSGIQVHPIQGLPLAIANAPGDHGAQLGLHGAGGDGI HDDTAGGEEGENSPDAQPQAGRRTREACTCPYCKDSEGRGSG*
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA, Sandwich ELISA
<b>Application Notes</b>	Antibody reactivity against cell lysate, transfected lysate and recombinant protein for WB. It has been used for ELISA.

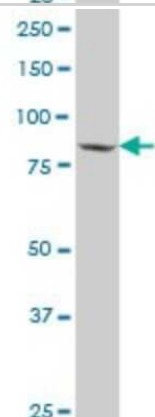


**Images**

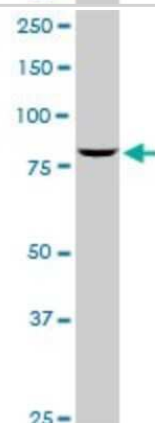
Western Blot: SP1 Antibody (4B11) [H00006667-M05] - Analysis of SP1 expression in NIH/3T3 (Cat # L018V1).



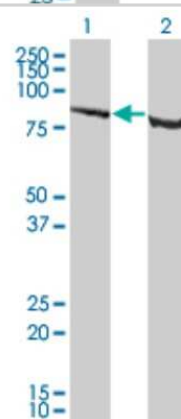
Western Blot: SP1 Antibody (4B11) [H00006667-M05] - Analysis of SP1 expression in HeLa (Cat # L013V1).



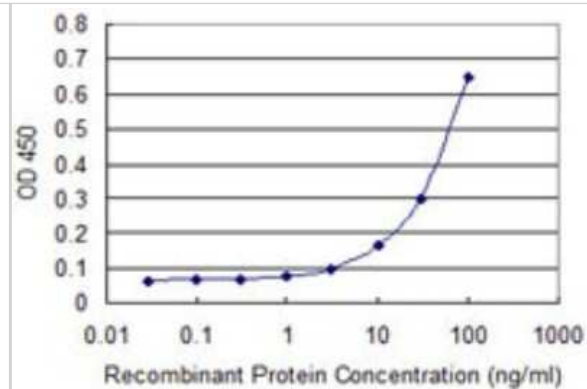
Western Blot: SP1 Antibody (4B11) [H00006667-M05] - Analysis of SP1 expression in Raw 264.7 (Cat # L024V1).



Western Blot: SP1 Antibody (4B11) [H00006667-M05] - Analysis of SP1 expression in transfected 293T cell line by SP1 monoclonal antibody (M05), clone 4B11. Lane 1: SP1 transfected lysate (80.693 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: SP1 Antibody (4B11) [H00006667-M05] - Detection limit for recombinant GST tagged SP1 is approximately 10ng/ml as a capture antibody.



## Publications

Guo G, Li L, Song G et al. miR77/SP1/TP53BP1 axis may play a pivotal role in NSCLC radiosensitivity *Oncology Reports* 2020-10-23 [PMID: 33125142]



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### **Products Related to H00006667-M05**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00006667-Q01-10ug	Recombinant Human SP1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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