

SP3 Monoclonal Antibody (4E5)

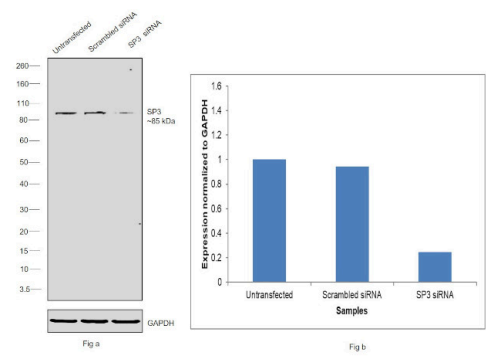
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	4E5
Conjugate	Unconjugated
Immunogen	SP3 (NP_003102, 287 a.a. ~ 430 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	no preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2608151

Applications	Tested Dilution	Publications
Western Blot (WB)	1-5 µg/mL	-
Immunocytochemistry (ICC/IF)	10 µg/mL	-
ELISA (ELISA)	Assay-Dependent	-

Product Specific Information

Peptide Sequence: TAGINADGHL INTGQAMDSS DNSERTGERV SPDINETNTD TDLFVPTSSS SQLPVTIDST GILQQNTNSL TTSSGQVHSS DLQGNYIQSP VSEETQAQNI QVSTAQPVVQ HLQLQESQQP TSQAQIVQGI TPQTIHGVQA SGQN*

Product Images For SP3 Monoclonal Antibody (4E5)

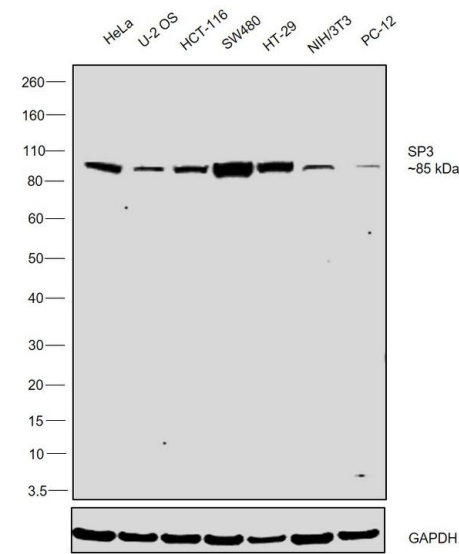


SP3 Antibody (MA5-20003)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with Transcription factor Sp3 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-SP3 Monoclonal Antibody (4E5) (Product # MA5-20003). {KD}

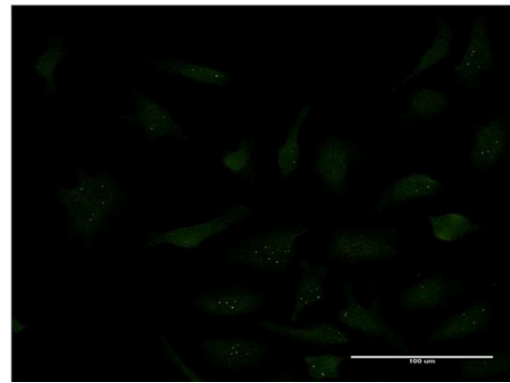
SP3 Antibody (MA5-20003) in WB

Western Blot was performed using Anti-SP3 Monoclonal Antibody (4E5) (Product # MA5-20003) and a ~85 kDa band corresponding to Transcription factor Sp3 was observed across cell lines tested. Nuclear enriched extracts (30 µg lysate) of HeLa (Lane 1), U-2 OS (Lane 2), HCT 116 (Lane 3), SW480 (Lane 4), HT-29 (Lane 5), NIH/3T3 (Lane 6), PC-12 (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2001) by iBlot® 2 Dry Blotting System (Product # IB21001). The Blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



SP3 Antibody (MA5-20003) in ICC/IF

Immunofluorescence analysis of HeLa cells using an anti-SP3 monoclonal antibody (Product # MA5-20003). (antibody concentration 10 µg/mL).



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