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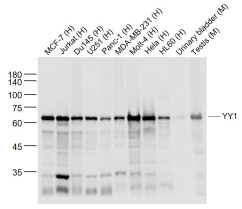
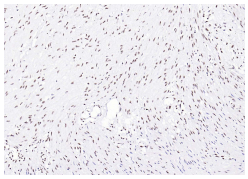
YY1 Recombinant Rabbit mAb, Nuclear Loading Control

Catalog Number:	bsm-52349R
Target Protein:	YY1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Recombinant
Clone No.:	5F2
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:50-200), IHC-F (1:50-200), IF (1:50-200), Flow-Cyt (1ug/Test)
Reactivity:	Human, Mouse, Rat
Predicted MW:	46 kDa
Entrez Gene:	7528
Swiss Prot:	P25490
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	YY1 is a ubiquitously distributed transcription factor belonging to the GLI Kruppel class of zinc finger proteins. The protein is involved in repressing and activating a diverse number of promoters. YY1 may direct histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter, thus implicating histone modification in the function of YY1.

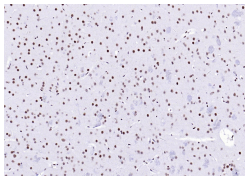
VALIDATION IMAGES



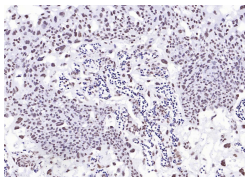
Sample: Lane 1: MCF-7 (Human) Cell Lysate at 30 ug Lane 2: Jurkat (Human) Cell Lysate at 30 ug Lane 3: Du145 (Human) Cell Lysate at 30 ug Lane 4: U251 (Human) Cell Lysate at 30 ug Lane 5: Panc-1 (Human) Cell Lysate at 30 ug Lane 6: MDA-MB-231 (Human) Cell Lysate at 30 ug Lane 7: Molt-4 (Human) Cell Lysate at 30 ug Lane 8: Hela (Human) Cell Lysate at 30 ug Lane 9: HL60 (Human) Cell Lysate at 30 ug Lane 10: Urinary bladder (Mouse) Lysate at 40 ug Lane 11: Testis (Mouse) Lysate at 40 ug Primary: Anti- YY1 (bsm-52349R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65-68 kD Observed band size: 65 kD



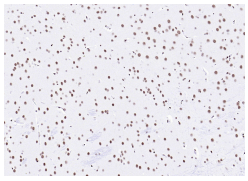
Paraformaldehyde-fixed, paraffin embedded (Human smooth muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (YY1(Nuclear Loading Control)) Monoclonal Antibody, Unconjugated (bsm-52349R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



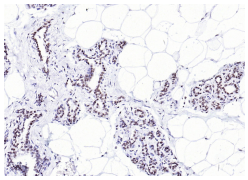
Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (YY1(Nuclear Loading Control)) Monoclonal Antibody, Unconjugated (bsm-52349R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (YY1(Nuclear Loading Control)) Monoclonal Antibody, Unconjugated (bsm-52349R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (YY1(Nuclear Loading Control)) Monoclonal Antibody, Unconjugated (bsm-52349R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (YY1(Nuclear Loading Control)) Monoclonal Antibody, Unconjugated (bsm-52349R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.