

bsm-52349R**[Primary Antibody]**

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YY1 Recombinant Rabbit mAb, Nuclear Loading Control

DATASHEET

Host: Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 5F2**GeneID:** 7528**SWISS:** P25490**Target:** YY1**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

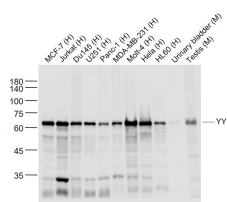
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

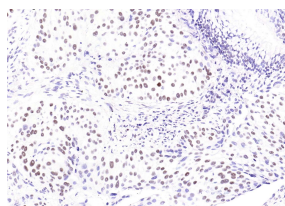
Applications: WB (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Flow-Cyt** (1:50-100)**Reactivity:** Human, Mouse, Rat

Predicted
MW.: 46 kDa

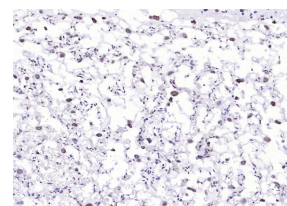
Subcellular
Location: Nucleus



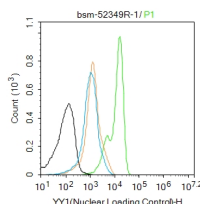
Sample: Lane 1: MCF-7 (Human) Cell Lysate at 30 ug
Lane 2: Jurkat (Human) Cell Lysate at 30 ug
Lane 3: Du145 (Human) Cell Lysate at 30 ug
Lane 4: U251 (Human) Cell Lysate at 30 ug
Lane 5: Panc-1 (Human) Cell Lysate at 30 ug
Lane 6: MDA-MB-231 (Human) Cell Lysate at 30 ug
Lane 7: Molt-4 (Human) Cell Lysate 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 breast carcinoma); 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) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat 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) instructions and DAB staining.



Blank control: K562. Primary Antibody (green line): Rabbit Anti-YY1(Nuclear Loading Control) antibody (bsm-52349R) Dilution: 1μg / 10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC Dilution: 0.5μg / test. Protocol The cells were fixed with 4% PFA (10min at room

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temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=2.9]** Wei Ding. et al. Roles of the CDCA gene family in breast carcinoma. SCI PROGRESS-UK. ;(): WB,IHC ;Human. 39814554