

bsm-52110R**[Primary Antibody]****Bioss**
ANTIBODIES

www.bioss.com.cn

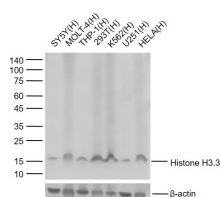
sales@bioss.com.cn

techsupport@bioss.com.cn

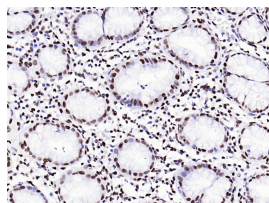
400-901-9800

Histone H3.3 Recombinant Rabbit mAb**— DATASHEET —**

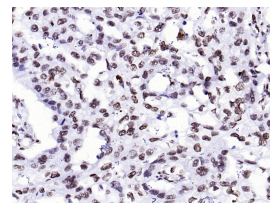
Host: Rabbit	Isotype: IgG	Applications: WB (1:200-1000) IHC-P (1:100-400) IHC-F (1:100-400) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: Human Predicted MW.: 15 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Recombinant	CloneNo.: 7B12	
GeneID: 3020	SWISS: P84243	
Target: Histone H3.3		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The nucleosome is a histone octamer containing two molecules each of H2A, H2B, H3 and H4 assembled in one H3-H4 heterotetramer and two H2A-H2B heterodimers. The octamer wraps approximately 147 bp of DNA. Interacts with HIRA, a chaperone required for its incorporation into nucleosomes. Interacts with ZMYND11; when trimethylated at 'Lys-36' (H3.3K36me3).		

— VALIDATION IMAGES —

Sample: Lane 1: Human SY5Y cell lysates Lane 2: Human MOLT-4 cell lysates Lane 3: Human THP-1 cell lysates Lane 4: Human 293T Cell Lysates Lane 5: Human K562 Cell Lysates Lane 6: Human U251 Cell Lysates Lane 7: Human HELA Cell Lysates Primary: Anti-Histone H3.3 (15kD) (bsm-52110R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 15 kDa Observed band size: 15 kDa



Paraformaldehyde-fixed, paraffin embedded (human gastric); 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 (Histone H3.3) Monoclonal Antibody, Unconjugated (bsm-52110R) 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 (human skin cancer); 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 (Histone H3.3) Monoclonal Antibody, Unconjugated (bsm-52110R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=2.8]** Zeng Yan. et al. Carvedilol induces pyroptosis through NLRP3-caspase1-ASC inflammasome by nuclear migration of NF-κB in prostate cancer models. MOL BIOL REP. 2024 Dec;51(1):1-12 WB ;Human. 38270665