

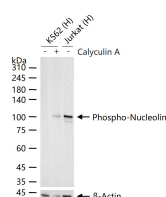
**bsm-62916R****[ Primary Antibody ]****BioSS**  
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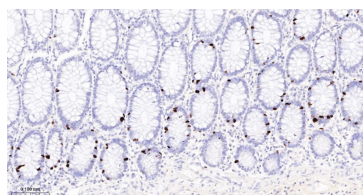
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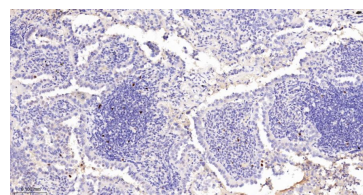
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**phospho-Nucleolin (Thr84) Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 7F8**GeneID:** 4691**SWISS:** P19338**Target:** Nucleolin (Thr84)**Immunogen:** A synthesized peptide derived from human NCL around the phosphorylation site of T84: AV-pT-PG.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Nucleolin is the major nucleolar protein of growing eukaryotic cells. It is found associated with intranucleolar chromatin and pre-ribosomal particles. It induces chromatin decondensation by binding to histone H1. It is thought to play a role in pre-rRNA transcription and ribosome assembly. May play a role in the process of transcriptional elongation. Binds RNA oligonucleotides with 5'-UUAGGG-3' repeats more tightly than the telomeric single-stranded DNA 5'-TTAGGG-3' repeats.**Applications:** WB (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Reactivity:** Human**Predicted MW.:** 77**Subcellular Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

K562 (H) cells were treated with or without Calyculin A (100nM) for 30 min, 25 µg total protein per lane of cell lysates (see on figure) probed with Phospho-Nucleolin (Thr84) monoclonal antibody, unconjugated (bsm-62916R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with phospho-Nucleolin (Thr84) Monoclonal Antibody, Unconjugated (bsm-62916R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with phospho-Nucleolin (Thr84) Monoclonal Antibody, Unconjugated (bsm-62916R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.