

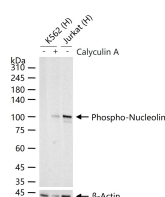
bsm-62916R**[Primary Antibody]****BioSS**
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Phospho-Nucleolin (Thr84) Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 7F8**GeneID:** 4691**SWISS:** P19338**Target:** Phospho-Nucleolin (Thr84)**Immunogen:** 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** (1:500-1:2000)
IHC-P (1:100-1:200)
IHC-F (1:100-1:200)
IF (1:100-1:200)**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.