

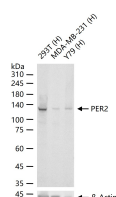
bsm-62159R**[Primary Antibody]****BioSS**
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PER2 Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 1A11**GeneID:** 8864**SWISS:** O15055**Target:** PER2**Immunogen:** A synthesized peptide derived from human PER2: 50-100/1255.**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:** Transcriptional repressor which forms a core component of the circadian clock. The circadian clock, an internal time-keeping system, regulates various physiological processes through the generation of approximately 24 hour circadian rhythms in gene expression, which are translated into rhythms in metabolism and behavior. It is derived from the Latin roots 'circa' (about) and 'diem' (day) and acts as an important regulator of a wide array of physiological functions including metabolism, sleep, body temperature, blood pressure, endocrine, immune, cardiovascular, and renal function.**Applications:** WB (1:500-2000)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**Reactivity:** Human**Predicted
MW.:** 137**Subcellular
Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

25 ug total protein per lane of various lysates (see on figure) probed with PER2 monoclonal antibody, unconjugated (bsm-62159R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.