

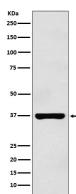
bsm-62933R**[Primary Antibody]****BioSS**
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PIM2 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**GeneID:** 11040**SWISS:** Q9P1W9**Target:** PIM2**Immunogen:** A synthesized peptide derived from human PIM2: 250-300/311.**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:** Proto-oncogene with serine/threonine kinase activity involved in cell survival and cell proliferation. Exerts its oncogenic activity through: the regulation of MYC transcriptional activity, the regulation of cell cycle progression, the regulation of cap-dependent protein translation and through survival signaling by phosphorylation of a pro-apoptotic protein, BAD. Phosphorylation of MYC leads to an increase of MYC protein stability and thereby an increase transcriptional activity.**Applications:** **WB** (1:1000-1:2000)**ICC/IF** (1:50-1:200)**IP** (1:20-1:50)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 34**— VALIDATION IMAGES —**

Western blot analysis of Raji cell lysate. Using PIM2 (bsm-62933R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.