

bsm-61347R**[Primary Antibody]****BioSS**
ANTIBODIES

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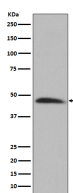
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HSP47 Recombinant Rabbit mAb**— DATASHEET —**

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| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 46 Subcellular Location: Cytoplasm |
| Clonality: Recombinant | | |
| GeneID: 871 | SWISS: P50454 | |
| Target: HSP47 | | |
| Immunogen: A synthesized peptide derived from human Serpin H1: 400-418/418. | | |
| 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: This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. The encoded protein is localized to the endoplasmic reticulum and plays a role in collagen biosynthesis as a collagen-specific molecular chaperone. Autoantibodies to the encoded protein have been found in patients with rheumatoid arthritis. | | |

— VALIDATION IMAGES —

Western blot analysis of HeLa cell lysate. Using HSP47 (bsm-61347R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.