

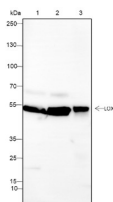
bsm-60440R**[Primary Antibody]****Bioss**
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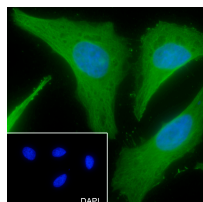
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LOX Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG/Kappa**Clonality:** Recombinant**CloneNo.:** A6E3**Target:** LOX**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** This gene encodes a member of the lysyl oxidase family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a regulatory propeptide and the mature enzyme. The copper-dependent amine oxidase activity of this enzyme functions in the crosslinking of collagens and elastin, while the propeptide may play a role in tumor suppression. In addition, defects in this gene have been linked with predisposition to thoracic aortic aneurysms and dissections. [provided by RefSeq, Jul 2016]**Applications:** WB (1:500-1000)**ICC/IF** (1:50-200)**Reactivity:** Human (predicted: Mouse)**Subcellular** Secreted ,Extracellular**Location:** matrix**— VALIDATION IMAGES —**

Blocking buffer: 5% NFDM/TBST Primary Ab dilution: 1:1000 Primary Ab incubation condition: 4°C overnight Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: 1: HeLa, 2: Jurkat, 3: C2C12 Protein loading quantity: 20 µg Exposure time: 10 s Predicted MW: 56 kDa Observed MW: 54 kDa



Cell line: HeLa Fixative: 4% Paraformaldehyde Permeabilization: 0.1% TritonX-100 Primary Ab dilution: 1:200 Primary incubation condition: 4°C overnight Secondary Ab: Goat Anti-Rabbit IgG Nuclear counter stain: DAPI (Blue) Comment: Color green is the positive signal for bsm-60440R