

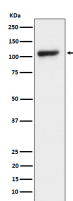
**bsm-62859R****[ Primary Antibody ]****KDM1/LSD1 Recombinant Rabbit mAb****Bioss**  
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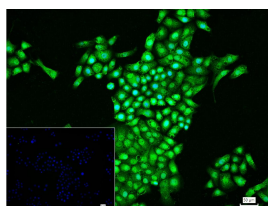
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**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 7B6**GeneID:** 23028**SWISS:** O60341**Target:** KDM1/LSD1**Immunogen:** A synthesized peptide derived from human KDM1: 780-852/852.**Purification:** affinity 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:** Histone demethylase that can demethylate both 'Lys-4' (H3K4me) and 'Lys-9' (H3K9me) of histone H3, thereby acting as a coactivator or a corepressor, depending on the context. Acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed.**Applications:** WB (1:500-2000)**Flow-Cyt** (1:20-50)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted  
MW.:** 93**Subcellular  
Location:** Nucleus**— VALIDATION IMAGES —**

Western blot analysis of HeLa cell lysate. Using KDM1/LSD1 (bsm-62859R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed MCF-7 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (KDM1/LSD1) monoclonal Antibody, unconjugated (bsm-62859R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.