

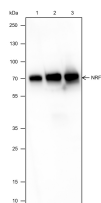
bsm-60400M**[Primary Antibody]****Bioss**
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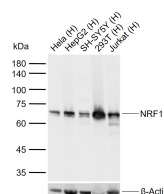
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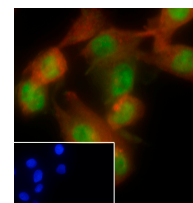
400-901-9800

NRF1 Recombinant Mouse mAb**DATASHEET****Host:** Mouse**Isotype:** IgG2b/Kappa**Clonality:** Recombinant**GeneID:** 4899**SWISS:** Q16656**Target:** NRF1**Purification:** affinity purified by Protein G**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 protein that homodimerizes and functions as a transcription factor which activates the expression of some key metabolic genes regulating cellular growth and nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication. The protein has also been associated with the regulation of neurite outgrowth. Alternative splicing results in multiple transcript variants. Confusion has occurred in bibliographic databases due to the shared symbol of NRF1 for this gene and for "nuclear factor (erythroid-derived 2)-like 1" which has an official symbol of NFE2L1. [provided by RefSeq, May 2014]**Applications:** **WB** (1:500-2000)
ICC/IF (1:100)**Reactivity:** Human**Predicted MW.:** 55 kDa**Subcellular Location:** Cytoplasm**VALIDATION IMAGES**

Blocking buffer: 5% NFDm/TBST Primary Ab dilution: 1:1000 Primary Ab incubation condition: 4°C overnight Secondary Ab: Goat Anti-Mouse IgG H&L (HRP) Lysate: 1: HeLa, 2: HEK-293, 3: Jurkat Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 54 kDa Observed MW: 70 kDa



Sample: Lane 1: Human HeLa cell lysates Lane 2: Human HepG2 cell lysates Lane 3: Human SH-SY5Y cell lysates Lane 4: Human 293T cell lysates Lane 5: Human Jurkat cell lysates Primary: Anti-NRF1 (bsm-60400M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 55 kDa Observed band size: 70 kDa



Cell line: HepG2 Fixative: 4% Paraformaldehyde Permeabilization: 0.1% TritonX-100 Primary Ab dilution: 1:50 Primary incubation condition: 4°C overnight Secondary Ab: Goat Anti-Mouse IgG Nuclear counter stain: DAPI (Blue) Counter stain: Tubulin (Red) Comment: Color green is the positive signal for bsm-60400M