bsm-51670M **[Primary Antibody]**

ME2 Mouse mAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Mouse
Isotype: IgG1, k
Clonality: Monoclonal
CloneNo.: J9E1
GeneID: 4200
SWISS: P23368
Target: ME2
Immunogen: KLH conjugated synthetic peptide derived from human ME2: 501-584/584.
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 an adenylate kinase enzyme involved in energy metabolism and homeostasis of cellular adenine nucleotide ratios in different intracellular compartments. This gene is highly expressed in skeletal muscle, brain and erythrocytes. Certain mutations in this gene resulting in a functionally inadequate enzyme are associated with a rare genetic disorder causing nonspherocytic hemolytic anemia. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]

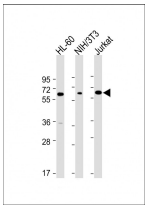
Applications: **WB** (1:500-2000)
IHC-P (1:50-200)
IHC-F (1:50-200)
IF (1:50-200)

Reactivity: Human, Mouse

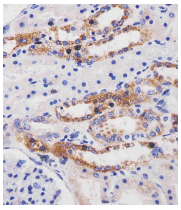
Predicted MW.: 63 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: Lane 1: HL-60 cell lysates Lane 2: NIH/3T3 cell lysates Lane 3: Jurkat cell lysates Primary: Anti-ME2 (bsm-51670M) at 1/4000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 63 kD Observed band size: 63 kD



Paraformaldehyde-fixed, paraffin embedded (human kidney tissue sections); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ME2) Monoclonal Antibody, Unconjugated (bsm-51670M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.