

bsm-51560M**[Primary Antibody]**

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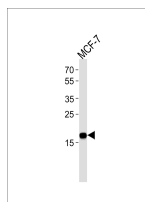
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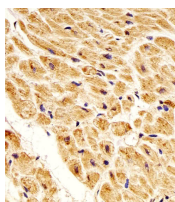
400-901-9800

NME1/NM23A Mouse mAb**— DATASHEET —**

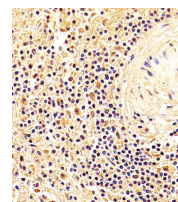
Host: Mouse	Isotype: IgG2a	Applications: WB (1:500-1000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human Predicted MW.: 17 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Monoclonal	CloneNo.: T3Y2	
GeneID: 4830	SWISS: P15531	
Target: NME1/NM23A		
Purification: affinity purified 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 (NME1) was identified because of its reduced mRNA transcript levels in highly metastatic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in aggressive neuroblastomas. Two transcript variants encoding different isoforms have been found for this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generates naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.		

— VALIDATION IMAGES —

Sample: Lane 1: MCF-7 cell lysates Primary: Anti-Nm23/NME1 (bsm-51560M) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 17 kD
 Observed band size: 17 kD



Paraformaldehyde-fixed, paraffin embedded (human heart section); 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 Nm23/NME1) Monoclonal Antibody, Unconjugated (bsm-51560M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human spleen section); 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 Nm23/NME1) Monoclonal Antibody, Unconjugated (bsm-51560M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.