

**bsm-34219M****[ Primary Antibody ]****BHLHA15 Mouse mAb****BioSS**  
**ANTIBODIES**

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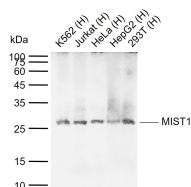
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**— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG2a	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Human (predicted: Mouse, Rat, Pig)  <b>Predicted MW.:</b> 21 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 3C4	
<b>GeneID:</b> 168620	<b>SWISS:</b> Q7RTS1	
<b>Target:</b> BHLHA15		
<b>Immunogen:</b> Recombined human BHLHA15 protein: 1-189/189.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Enables sequence-specific double-stranded DNA binding activity. Predicted to be involved in several processes, including cellular response to glucose starvation; endoplasmic reticulum unfolded protein response; and negative regulation of myotube differentiation. Predicted to act upstream of or within several processes, including glucose homeostasis; intracellular distribution of mitochondria; and mitochondrial calcium ion transmembrane transport. Predicted to be part of chromatin. Predicted to be active in nucleus. [provided by Alliance of Genome Resources, Apr 2022]		

**— VALIDATION IMAGES —**

Sample: Lane 1: Human K562 cell lysates Lane 2: Human Jurkat cell lysates Lane 3: Human HeLa cell lysates Lane 4: Human HepG2 cell lysates Lane 5: Human 293T cell lysates Primary: Anti-MIST1 (bsm-34219M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 21 kDa Observed band size: 27 kDa