

**bsm-61737R****[ Primary Antibody ]****SAMHD1/MOP5 Recombinant Rabbit mAb****BioSS**  
**ANTIBODIES**

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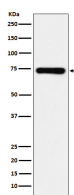
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:1000-2000) IHC-P (1:100-200) IHC-F (1:100-200) IF (1:50-200) Flow-Cyt (1:50-100) ICC/IF (1:50-200)  <b>Reactivity:</b> Human   <b>Predicted MW.:</b> 72  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Recombinant		
<b>GeneID:</b> 25939	<b>SWISS:</b> Q9Y3Z3	
<b>Target:</b> SAMHD1/MOP5		
<b>Immunogen:</b> A synthesized peptide derived from human SAMHD1: 580-626/626.		
<b>Purification:</b> affinity purified by Protein A		
<b>Storage:</b> 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.		
<b>Background:</b> Protein that acts both as a host restriction factor involved in defense response to virus and as a regulator of DNA end resection at stalled replication forks.Has deoxynucleoside triphosphate (dNTPase) activity, which is required to restrict infection by viruses, such as HIV-1: dNTPase activity reduces cellular dNTP levels to levels too low for retroviral reverse transcription to occur, blocking early-stage virus replication in dendritic and other myeloid cells .		

**— VALIDATION IMAGES —**

Western blot analysis of MCF7 cell lysate. Using SAMHD1/MOP5 (bsm-61737R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.