

**bsm-2118M****[ Primary Antibody ]****hHb Mouse mAb**

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**— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG2a	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human)    <b>Predicted MW.:</b> 15.5 kDa  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> H5A3	
<b>GeneID:</b> 3039	<b>SWISS:</b> P69905	
<b>Target:</b> hHb		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> he human alpha globin gene cluster located on chromosome 16 spans about 30 kb and includes seven loci: 5'- zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 - alpha-1 - theta - 3'. The alpha-2 (HBA2) and alpha-1 (HBA1) coding sequences are identical. These genes differ slightly over the 5' untranslated regions and the introns, but they differ significantly over the 3' untranslated regions. Two alpha chains plus two beta chains constitute HbA, which in normal adult life comprises about 97% of the total hemoglobin; alpha chains combine with delta chains to constitute HbA-2, which with HbF (fetal hemoglobin) makes up the remaining 3% of adult hemoglobin. Alpha thalassemias result from deletions of each of the alpha genes as well as deletions of both HBA2 and HBA1; some nondeletion alpha thalassemias have also been reported. [provided by RefSeq, Jul 2008]		

**— SELECTED CITATIONS —**

- **[IF=3.7]** Liu, Cui-Mei, et al. "Specific detection of latent human blood fingerprints using antibody modified NaYF 4: Yb, Er, Gd fluorescent upconversion nanorods." Dyes and Pigments (2017). Other ;="Human".  
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