bsm-2118M

[Primary Antibody]

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

hHb Mouse mAb

DATASHEET -

Host: Mouse Isotype: IgG2a Clonality: Monoclonal CloneNo.: H5A3 **GenelD: 3039 SWISS:** P69905

Target: hHb

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: Size: 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Size: 200ug (PBS only)

0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: 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]

Applications: WB (1:500-2000)

IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500) **ELISA** (1:5000-10000)

Reactivity: (predicted: Human)

Predicted MW.: 15.5 kDa

Subcellular Location: Cell membrane

- 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. doi:10.1016/j.dyepig.2017.11.050