

bsm-54013R**[Primary Antibody]****BioSS**
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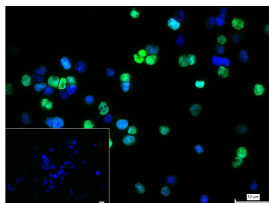
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

GATA1 Recombinant Rabbit mAb**— DATASHEET —**

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| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) Flow-Cyt (1:50-100) ICC/IF (1:50-200) Reactivity: Human Predicted MW.: 45 kDa Subcellular Location: Nucleus |
| Clonality: Recombinant | CloneNo.: 6B12 | |
| GeneID: 2623 | SWISS: P15976 | |
| Target: GATA1 | | |
| Immunogen: Recombinant protein within human GATA1: 1-250/413. | | |
| Purification: affinity purified by Protein A | | |
| 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: GATA1 (Globin transcription factor 1) is a Cys2/Cys2 zinc finger DNA binding protein that is expressed primarily in erythroid, megakaryocytic, mast cells and eosinophilic cells. It belongs to the GATA family of transcription factors. GATA1 is a transcriptional activator which probably serves as a general switch factor for erythroid development. It binds to DNA sites with the consensus sequence [AT]GATA[AG] within regulatory regions of globin genes and of other genes expressed in erythroid cells. The protein also plays an important role in erythroid development by regulating the switch from fetal hemoglobin production to adult hemoglobin. | | |

— VALIDATION IMAGES —

4% Paraformaldehyde-fixed HeL92.1.7 (H) cell;
Triton X-100 at r.t. for 20 min; Antibody
incubation with (GATA1) monoclonal Antibody,
unconjugated (bsm-54013R) 1:100, 90 min at
37°C; followed by conjugated Goat Anti-Rabbit
IgG antibody (green, bs-60295G-BF488) at 37°C
for 90 min, DAPI (blue, C02-04002) was used to
stain the cell nuclei. PBS instead of the primary
antibody was used as the blank control.

— SELECTED CITATIONS —

- **[IF=2.5]** Jie Luo. et al. Xin Sheng Hua Granule ameliorate chemotherapy-induced blood deficiency syndrome through inhibiting JAK1/STAT1 pathway activation. FITOTERAPIA. 2025 Jun;183:106571 IHC,WB ;Mouse. 40316148