

Mouse Monoclonal Antibody to GATA1

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| Catalogue Number | sAP-0400 |
| Target Molecule | Name: GATA1 Aliases: GF1; GF-1; NFE1; XLTT; ERYF1; GATA-1; GATA1 MW: 42.7 Entrez Gene ID: 2623 |
| Description | erythroid specific transcription factor,GATA sequence binding protein (same as EryF1,NF-E1,EF-1,EF gamma-a,GF1),expressed in RBC,mast cell,megakaryocyte,hematopoietic progenitor cell,testis,associated with a special class of nuclear bodies,activated by erythropoietin,inactivated by coactivation of DEATH receptors (TNFRSF6) mediated caspase cleavage Tissue specificity: Erythrocytes |
| Immunogen | Purified recombinant fragment of human GATA1 expressed in E. Coli. |
| Recombinant Species | Human |
| Clone | MM4F5; |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. |
| Reconstitution/Storages | Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage |
| Applications | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1. Cancer Res. 2009 Apr 15;69(8):3681-8. ; 2. J Bone Miner Res. 2009 Dec;24(12):2039-49. ; 3. Blood. 2010 Jun 3;115(22):4367-76. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**