

# Product Datasheet

## GATA-1 Antibody (4F5) - BSA Free NBP1-47492

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

**Reviews: 1 Publications: 2**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-47492](http://www.novusbio.com/NBP1-47492)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-47492](http://www.novusbio.com/reviews/destination/NBP1-47492)



**NBP1-47492**

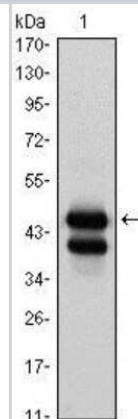
GATA-1 Antibody (4F5) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4F5
Preservative	0.03% Sodium Azide
Isotype	IgG2b
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	42.7 kDa
Product Description	
Host	Mouse
Gene ID	2623
Gene Symbol	GATA1
Species	Human, Baboon
Reactivity Notes	Papio anubis reactivity reported from a verified customer review.
Immunogen	Purified recombinant fragment of human GATA-1 expressed in E. Coli.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, Chromatin Immunoprecipitation (ChIP)
Application Notes	Use in Chip reported in scientific literature (PMID:32763160)

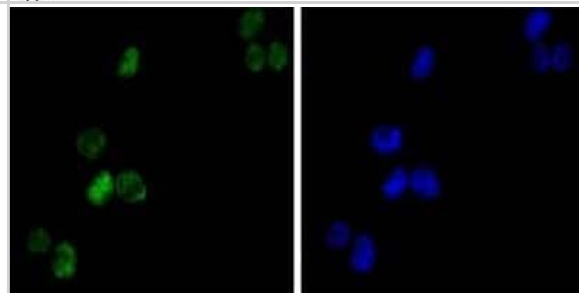


## Images

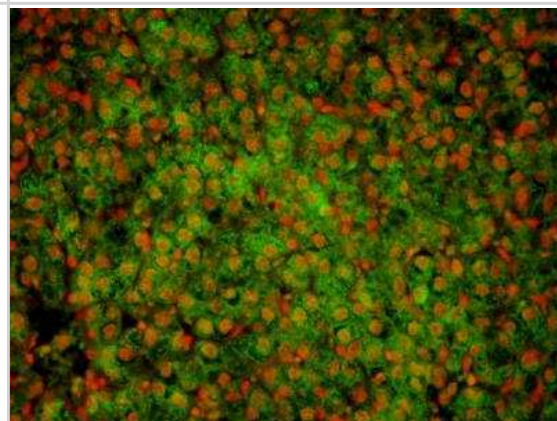
Western Blot: GATA-1 Antibody (4F5) [NBP1-47492] - Analysis using GATA1 mouse mAb against K562 (1) cell lysate.



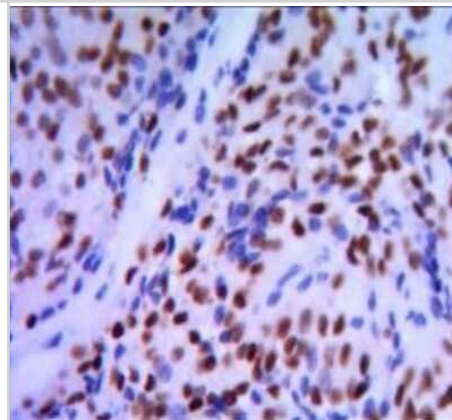
Immunocytochemistry/Immunofluorescence: GATA-1 Antibody (4F5) [NBP1-47492] - Analysis of K562(left) cells using GATA1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemistry: GATA-1 Antibody (4F5) [NBP1-47492] - Staining of Fetal Baboon Liver. Antigen retrieval: 10mM sodium citrate, pH 6.0, Primary Ab: 1:500 dilution, Secondary Ab (biotinylated): 1:200, Streptavidin-AlexaFluor488: 1:500 (green), Quench autofluorescence with 1% Sudan Black in 70% methanol. Image from verified customer review.



Immunohistochemistry-Paraffin: GATA-1 Antibody (4F5) [NBP1-47492] - Analysis of pancreatic cancer, using GATA1 mouse mAb with DAB staining.



## Publications

Chen J, Zhou Q, Liu MH et al. FAM122A Inhibits Erythroid Differentiation through GATA1 Stem Cell Reports 2020-07-31 [PMID: 32763160] (ICC/IF, Chemotaxis, Human)

Astrom M, Hahn-Stromberg V, Zetterberg E et al. X-linked thrombocytopenia with thalassaemia displays bone marrow reticulin fibrosis and enhanced angiogenesis: Comparisons with primary myelofibrosis. Am. J. Hematol. 2014-11-25 [PMID: 25421114]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-47492**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-84792PEP	GATA-1 Recombinant Protein Antigen

---

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-47492](http://www.novusbio.com/reviews/submit/NBP1-47492)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

