

# Product Datasheet

## Flt-3/Flk-2/CD135 Antibody (BV10A4) NBP1-42792

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-42792](http://www.novusbio.com/NBP1-42792)

Updated 5/23/2024 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/NBP1-42792](http://www.novusbio.com/reviews/destination/NBP1-42792)



**NBP1-42792**

Flt-3/Flk-2/CD135 Antibody (BV10A4)

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	BV10A4
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	160 kDa

Product Description	
Host	Mouse
Gene ID	2322
Gene Symbol	FLT3
Species	Human, Mouse (Negative)
Reactivity Notes	Does not cross react with Mouse.
Specificity/Sensitivity	The mouse monoclonal antibody BV10A4 (BV10) reacts with CD135 (FLT3, FLK2, STK-1), a 130-160 kDa type III receptor tyrosine kinase that is involved in early steps of hematopoiesis.
Immunogen	BV-173 leukemic cell line

Product Application Details	
Applications	Flow Cytometry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1-4 ug/ml, Immunoprecipitation 1:50, CyTOF-ready
Application Notes	Flow Cytometry: Tested on cell lines K562 and REH. In this case the recommended concentration is 10 ug/ml per 1 million cells/ml. This antibody is CyTOF ready.





### **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](mailto: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](mailto: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](mailto:info.EMEA@bio-techne.com)

### **General Contact Information**

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

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **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/NBP1-42792](http://www.novusbio.com/reviews/submit/NBP1-42792)

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

