

# Product Datasheet

## CD117/c-kit Antibody (YB5.B8) - BSA Free NBP1-43358-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-43358-0.1mg**

CD117/c-kit Antibody (YB5.B8) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	YB5.B8
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

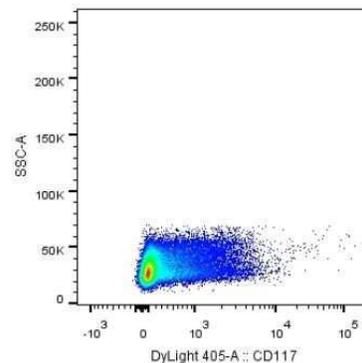
Product Description	
Host	Mouse
Gene ID	3815
Gene Symbol	KIT
Species	Human
Reactivity Notes	This antibody is reactive to Human.
Marker	Hematopoietic Stem Cell Marker
Immunogen	Human CD117

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	The YB5.B8 antibody has been tested by flow cytometric analysis of the TF-1 cell line, a human erythroleukemia cell line. This can be used at less than or equal to 1 ug per test. Cell number should be determined empirically but can range from $10^5$ to $10^8$ cells/test.

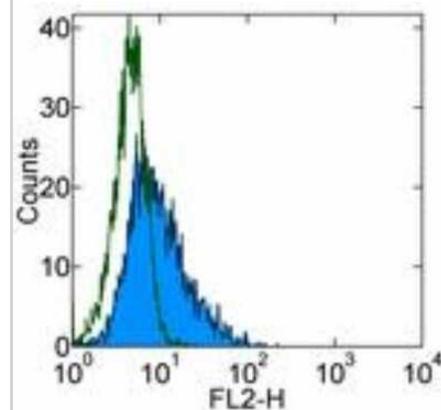


## Images

Flow Cytometry: CD117/c-kit Antibody (YB5.B8) [NBP1-43358] - Analysis using the DyLight 405 conjugate of NBP1-43358. Staining of CD117 in human PBMCs using anti-CD117 antibody. Image from verified customer review.



Flow Cytometry: CD117/c-kit Antibody (YB5.B8) [NBP1-43358] - Analysis using the Biotin conjugate of NBP1-43358. Staining of TF-1 cell line with 0.5 ug of Mouse IgG1 kappa Isotype Control Biotin (open histogram) or 0.5 ug of Anti-Human CD117 (c-Kit) Biotin (filled histogram) followed by Streptavidin PE.





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### **Products Related to NBP1-43358-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-43358V	CD117/c-kit Antibody (YB5.B8) [DyLight 405]

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### **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.

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