

# Product Datasheet

## CD45 Antibody (YKIX716.13) [mFluor Violet 500 SE] NB100-65906MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65906MFV500**

CD45 Antibody (YKIX716.13) [mFluor Violet 500 SE]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	YKIX716.13
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Conjugate</b>	mFluor Violet 500 SE
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	5788
<b>Gene Symbol</b>	PTPRC
<b>Species</b>	Canine
<b>Reactivity Notes</b>	CD45 Antibody (YKIX716.13) shows reactivity with Equine as reported in multiple pieces of scientific literature.
<b>Specificity/Sensitivity</b>	CD45 Antibody (YKIX716.13) recognizes canine CD45 also known as leukocyte common antigen lustered as Canine CD45 in the First Canine Leukocyte Antigen Workshop. CD45 is expressed on all leukocytes in canine peripheral blood and may be against CD45RB isoform. This antibody reacts with CD45 on all outbred mongrels and beagles tested.
<b>Immunogen</b>	Canine thymocytes
<b>Notes</b>	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunoprecipitation
<b>Recommended Dilutions</b>	Flow Cytometry, Immunoprecipitation
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

CD45 Antibody (YKIX716.13) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.



mFluor™ Violet 500

LASER (nm)	FILTER
Violet (405)	515/20

EXCITATION MAX (nm)	EMISSION MAX (nm)
410	501



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### **Products Related to NB100-65906MFV500**

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NBP2-51591-0.02mg	Recombinant Human CD45 His Protein
210-TA-005	TNF-alpha [Unconjugated]
1430-CD-050	CD45 [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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