

# Product Datasheet

## **B220/CD45R Antibody (YKIX753.22.2) - BSA Free NB100-65018-0.1mg**

Unit Size: 0.1 mg

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

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Updated 9/9/2025 v.20.1

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**NB100-65018-0.1mg**

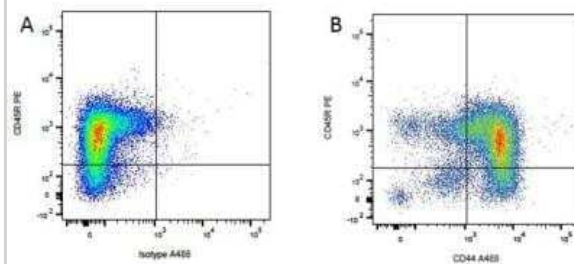
B220/CD45R Antibody (YKIX753.22.2) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	YKIX753.22.2
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rat B220/CD45R Antibody (YKIX753.22.2) - BSA Free (NB100-65018) is a monoclonal antibody validated for use in IHC, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rat
<b>Gene ID</b>	5788
<b>Gene Symbol</b>	PTPRC
<b>Species</b>	Canine
<b>Specificity/Sensitivity</b>	This antibody recognizes canine CD45R and was clustered as a canine CD45R at the first canine Leucocyte Antigen workshop. It precipitates an antigen of 220kD from Con A Blasts (1) and may be against a CD45R isoform. It is expressed on subsets of leucocytes (neutrophils are weak) in canine blood of all out bred mongrels and beagles tested.
<b>Immunogen</b>	Canine thymocytes
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Flow Cytometry 1:50-1:100, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

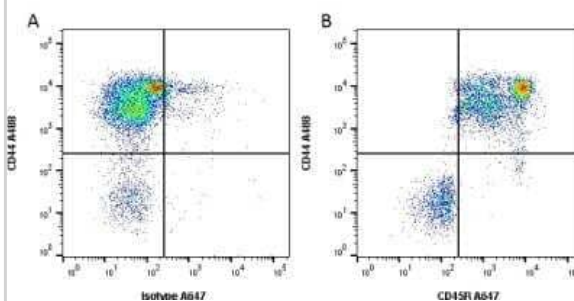


## Images

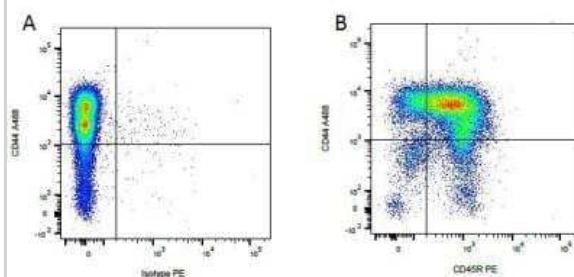
Flow Cytometry: B220/CD45R Antibody (YKIX753.22.2) [NB100-65018] - Figure A. RPE conjugated Rat anti Canine CD45R and Alexa Fluor 488 conjugated Rat IgG1 isotype control. Figure B. RPE conjugated Mouse anti Canine CD45R and Alexa Fluor 488 conjugated Rat anti Canine CD44.



Flow Cytometry: B220/CD45R Antibody (YKIX753.22.2) [NB100-65018] - Figure A. Alexa Fluor 488 conjugated Rat anti Dog CD44 and Alexa Fluor 647 conjugated Rat IgG2b isotype control. Figure B. Alexa Fluor 488 conjugated Rat anti Dog CD44 and Alexa Fluor 647 conjugated Rat anti Dog CD45R.



Flow Cytometry: B220/CD45R Antibody (YKIX753.22.2) [NB100-65018] - Figure A. Alexa Fluor 488 conjugated Rat anti Canine CD44 and RPE conjugated Rat IgG2a isotype control. Figure B. Alexa Fluor 488 conjugated Rat anti Canine CD44 and RPE conjugated Rat anti Canine CD45R.





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### **Products Related to NB100-65018-0.1mg**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
DDXCR03	Rat IgG2b Isotype Control
NB100-65018UV	B220/CD45R Antibody (YKIX753.22.2) [DyLight 350]

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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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