

# Product Datasheet

## CD45 Antibody (YKIX716.13) [PE/Cy7] NB100-65906PECY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB100-65906PECY7**

CD45 Antibody (YKIX716.13) [PE/Cy7]

**Product Information**

<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. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	YKIX716.13
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Conjugate</b>	PE/Cy7
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

<b>Host</b>	Rat
<b>Gene ID</b>	5788
<b>Gene Symbol</b>	PTPRC
<b>Species</b>	Canine, Equine
<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 listed 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>	This CD45 Antibody (YKIX716.13) was prepared from Canine thymocytes.

**Product Application Details**

<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions.



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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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