

# Product Datasheet

## CD45 Antibody (YKIX716.13) [Janelia Fluor® 525] NB100-65906JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65906JF525**

CD45 Antibody (YKIX716.13) [Janelia Fluor® 525]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | YKIX716.13  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG2b   |
| Conjugate           | Janelia Fluor 525   |
| Purity              | Protein G purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |   |
|-------------------------|---|
| Host                    | Rat   |
| Gene ID                 | 5788  |
| Gene Symbol             | PTPRC   |
| Species                 | Canine  |
| Reactivity Notes        | CD45 Antibody (YKIX716.13) shows reactivity with Equine as reported in multiple pieces of scientific literature.  |
| Specificity/Sensitivity | 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. |
| Immunogen               | Canine thymocytes   |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Flow Cytometry, Immunoprecipitation                                    |
| Recommended Dilutions       | Flow Cytometry, Immunoprecipitation                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |



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### **Products Related to NB100-65906JF525**

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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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