

# Product Datasheet

## **B220/CD45R Antibody (YKIX753.22.2) [mFluor Violet 500 SE]**

### **NB100-65018MFV500**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65018MFV500**

B220/CD45R Antibody (YKIX753.22.2) [mFluor Violet 500 SE]

**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.  |
| <b>Clonality</b>     | Monoclonal  |
| <b>Clone</b>         | YKIX753.22.2  |
| <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  |

**Product Description**

|                                |  |
|--------------------------------|--|
| <b>Host</b>                    | Rat  |
| <b>Gene ID</b>                 | 5788   |
| <b>Gene Symbol</b>             | PTPRC  |
| <b>Species</b>                 | Canine   |
| <b>Reactivity Notes</b>        | Reacts with 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>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.  |

**Product Application Details**

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation |
| <b>Recommended Dilutions</b> | Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.                 |

## Images

B220/CD45R Antibody (YKIX753.22.2) [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               |



## Novus Biologicals USA

10730 E. Briarwood Avenue

Centennial, CO 80112

USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

novus@novusbio.com

## Bio-Techne Canada

21 Canmotor Ave

Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

canada.inquires@bio-techne.com

## Bio-Techne Ltd

19 Barton Lane

Abingdon Science Park

Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

info.EMEA@bio-techne.com

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)

Technical Support: [technical@novusbio.com](mailto:technical@novusbio.com)

Orders: [orders@novusbio.com](mailto:orders@novusbio.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

## Products Related to NB100-65018MFV500

|                |                          |
|----------------|--------------------------|
| 210-TA-005     | TNF-alpha [Unconjugated] |
| D6050          | IL-6 [HRP]               |
| 6507-IL-010/CF | IL-4 [Unconjugated]      |
| 285-IF-100     | IFN-gamma [Unconjugated] |

## 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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