

# Product Datasheet

## CD45 Antibody (30-F11) [DyLight 650] NB100-77417C

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-77417C**

CD45 Antibody (30-F11) [DyLight 650]

| <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>                       | 30-F11   |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG2b Kappa  |
| <b>Conjugate</b>                   | DyLight 650  |
| <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>                     | Human, Mouse, Rat  |
| <b>Reactivity Notes</b>            | Use in Human reported in scientific literature (PMID:34494385).  |
| <b>Specificity/Sensitivity</b>     | Recognizes all CD45 isoforms as well as the known mouse CD45 alloantigens (CD45-1/Ly 5a and CD45-2/Ly 5b)  |
| <b>Immunogen</b>                   | This CD45 Antibody (30-F11) was prepared from Mouse thymus or spleen.  |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vitro assay, In vivo assay, Immunoprecipitation, CyTOF-ready |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Functional, In vitro assay, In vivo assay, CyTOF-ready |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |

## Images

Product Image: CD45 Antibody (30-F11) [DyLight 650] [NB100-77417C]  
- Vial of DyLight 650 conjugated antibody. DyLight 650 is optimally excited at 652 nm by the Red laser (633 or 640 nm) and has an emission maximum of 672 nm.



DyLight 650

| LASER (nm)    | FILTER |
|---------------|--------|
| Red (633,640) | 660/10 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 652                 | 672               |



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### **Products Related to NB100-77417C**

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|                   |                                    |
|-------------------|------------------------------------|
| NB100-77417PE     | CD45 Antibody (30-F11) [PE]        |
| NBP2-51591-0.02mg | Recombinant Human CD45 His Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]           |
| 1430-CD-050       | CD45 [Unconjugated]                |

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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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