# Product Datasheet

## CD45 Antibody (MEM-28) [PE/Cy7]
## NB500-319PECY7

Unit Size: 0.1 ml

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

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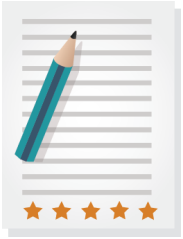

# NB500-319PECY7

CD45 Antibody (MEM-28) [PE/Cy7]

| 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. Do not freeze. |
| **Clonality** | Monoclonal |
| **Clone** | MEM-28 |
| **Preservative** | 0.05% Sodium Azide |
| **Isotype** | IgG1 |
| **Conjugate** | PE/Cy7 |
| **Purity** | Protein A purified |
| **Buffer** | PBS |

| Product Description | |
|---|---|
| **Host** | Mouse |
| **Gene ID** | 5788 |
| **Gene Symbol** | PTPRC |
| **Species** | Human, Mouse, Equine (Negative) |
| **Reactivity Notes** | Mouse reactivity reported in scientific literature (PMID: 27272386). Please note that CD45 Antibody (MEM-28) is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| **Specificity/Sensitivity** | CD45 Antibody (MEM-28) reacts with all alternative forms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets. HLDA III; WS Code NL 833a |
| **Immunogen** | This CD45 Antibody (MEM-28) was prepared from Human thymocytes and T lymphocytes. |

| Product Application Details | |
|---|---|
| **Applications** | Flow Cytometry |
| **Recommended Dilutions** | Flow Cytometry |
| **Application Notes** | 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 technical@novusbio.com 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.

**For more information on our 100% guarantee, please visit www.novusbio.com/guarantee**

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